TRANS WORLD AIRLINES, INC.

PUBLICATIONS CHANGE REQUEST (PCR)

SEND COMPLETED FORM TO
TECH INFO SUPPORT,
1–361, MCI

[illegible]
PCR NBR:

[illegible]	[illegible]
PREPARED BY	DATE

[illegible]		
ORIGINATOR		
JOB TITLE		
ADDRESS (CC/COL)		STATION
PHONE ( )		DATE

TC:		
☐	MFR	
☐	TWA ENGRG	
☐	OTHER	

MANUAL:

MANUAL TITLE	A/C TYPE	SERIES
MFR NAME	TWA STK NBR	MFR P/N

NOMENCLATURE

ATA NO.	PAGE(S)/SHEET	PAGE DATE	FIGURE	CHG LTR

CONFLICTS WITH:

DOCUMENT:	CHAP/SECTION	PAGE/SHEET/DATE

DISCREPANCY REMARKS:

If possible, attach marked–up copy of affected page(s) along with a brief description of the recommended change(s); otherwise describe problem in detail. Print (dark and clear). Attach additional pages as required.

PRODUCTION SUPERVISOR (Signature required for CMM Discrepancies)

ACTION:		COMPONENT MAINTENANCE MANUAL (CMM) REVISION ADVISORY:	
☐	TWA Technical Info. Support	APPROVED ☐ DISAPPROVED ☐	
☐	Manufacturer	ENGINEER	DATE
☐	Engineering Review Required	MANAGER	DATE

THIS CHANGE WAS ☐ WILL BE ☐ CORRECTED/ADDED ☐ IN REVISION DATED

COMMENTS:

MFR. REP. REPLY	DATE
TIS SPECIALIST REPLY	DATE

FORM TIS–436–F (2/93)

TriStar L-1011

MAINTENANCE MANUAL

THIS MATERIAL CONTAINS PROPRIETARY INFORMATION OF LOCKHEED MARTIN AERONAUTICAL SYSTEMS. DISCLOSURE TO OTHERS, USE OR COPYING WITHOUT EXPRESS WRITTEN AUTHORIZATION OF LOCKHEED MARTIN AERONAUTICAL SYSTEMS IS STRICTLY PROHIBITED.

©1996 LOCKHEED MARTIN CORPORATION. UNPUBLISHED WORK. ALL RIGHTS RESERVED.

Lockheed Martin Aeronautical Systems

TOP

Film Identification

Century

1303 Geneva Avenue
St. Paul, MN 55119

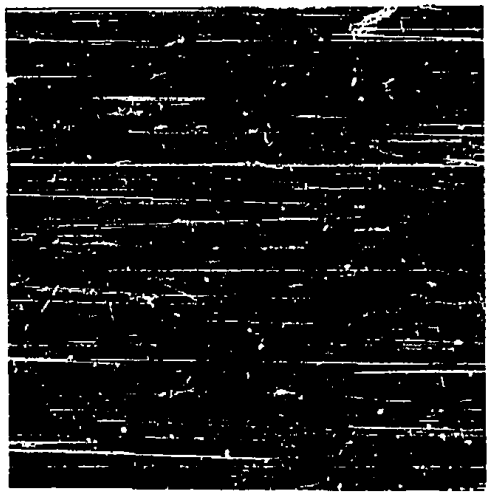
PRECISION℠ RESOLUTION TARGETS

LEFT

RIGHT

150 MM

6"



PM-3 8½"x11" PHOTOGRAPHIC GENERAL TARGET
NRS 1010a ANSI/ISO #2 EQUIVALENT

TO: Holders of Trans World Airlines L-1011 Maintenance Manual

FROM: Lockheed Aeronautical Systems Company Commercial Technical Publications

SUBJECT: Transmittal of Revision 83 Dated Jun 15/96.

To assure continuity and consistency between the FIRM Manual and the Maintenance Manual, this revision should be issued concurrently with the FIRM Manual Revision of the same date.

Please add new/revised pages and delete those affected by the revision in accordance with the Filing Instructions herein.

Highlights and Filing Instructions for this revision follow this transmittal.

This revision includes the data in Rolls-Royce Transmittal Letter No. R.R. 83, dated Jun 15/96.

The following temporary revisions were incorporated or cancelled in this revision and are no longer effective. Please remove and destroy.

RR 72-144

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	INTRODUCTION
INTRO 1, 2, 18, 42, 43, 130 thru 135, 142	Introduction - Revised and updated service bulletin list. Revised company name from Lockheed to Lockheed Martin.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 6
6-40-00 2, 4, 12, 17	Description and Operation - Exterior Access Doors and Removable Panels. Revised Figure 10 to correct a typographical error; no technical change.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 10
10-10-00 202 thru 204, 231 thru 233, 235/236	Maintenance Practices - Parking. Deleted reference to Maintenance Manual procedure 12-14-15 which is not applicable.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 11
11-31-13 13/14	Description and Operation - Lower Fuselage Interior Markings, Zone 113. Revised procedure to finalize Service Bulletin 11-044
11-31-42 3/4	Description and Operation - Lower Fuselage Interior Markings, Zone 147. Corrected Figure 1 (Sheet 2) title; no technical change.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 20
20-00-02 603	Inspection/Check - Control Cables. Revised Note following Step 4C(2)(a) for 7 x 19 control cables to add an explanation of swaged fitting critical fatigue area.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 21
21-25-05 504, 505/506	Adjustment/Test - Forward Electronic Service Center Exhaust Fan Differential Pressure Switch. Revised Functional Test to include data for preferred spare switch.
21-25-06 504, 505/506	Adjustment/Test - Mid Electrical Service Center Exhaust Fan Differential Pressure Switch. Revised Functional Test to include data for preferred spare switch.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 22
22-00-00 149/150 thru 157/158	Fault Isolation - Auto Flight. Revised SCHEM 7 to indicate the rudder mechanical limiter is installed on aircraft 001-017.
22-00-00 608	Inspection/Check - Auto Flight. Revised Step 4A(21) to change effectivity of aircraft with rudder mechanical limiter from 001-018 to 001-017.
22-10-33 127	Fault Isolation - Autopilot CWS/CMD Mode. Revised Pin numbers on Figure 104 (Sheet 11) Plugs 2711-P10 and 2711-P11 from 33 to 38 on both Plugs which corrects a previous typographical error.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 27
27-11-00 1, 2, 6, 10, 14, 18, 20, 22 thru 24, 26, 29, 32, 34, 39 thru 46, 49 thru 51, 53, 55, 58, 60, 62, 63	Description and Operation - Aileron Control System. Added description of inboard and outboard aileron neutral rigging.
27-22-00 509/510	Adjustment/Test - Rudder Trim Control System. Revised Figure 501 detail, 'D,' to agree with Paragraphs 4A(15)(b) and 4A(16)(b).

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 29
29-21-00 7/8 thru 17/18	Description and Operation - Ram Air Turbine System. Deleted alternate Figure 2 (Sheet 2) to delete pre-Service Bulletin 29-075 data.
29-21-00 502 thru 513/514	Adjustment/Test - Ram Air Turbine System. Incorporated Service Bulletin 76-018 which revises wiring to the Engine No. 2 Ground Idle Relay and affects the Ram Air Turbine Deployment Test. Revised Step 4B(1) to delete pre-Service Bulletin 29-075 data.
29-21-10 402, 405	Removal/Installation - Ram Air Turbine. Revised Step 3A(3) to require THRUST REVERSE ENG 2 circuit breaker be opened and revised Step 3B(19) to require the circuit breaker be closed.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 32
32-11-02 420	Removal/Installation - Main Landing Gear Shock Strut Assembly. Incorporated Service Bulletin 11-141 which installs a revised landing gear servicing placard and deleted pre-bulletin data.
32-44-00 503, 505	Adjustment/Test - Antiskid Control System. Revised Step 4D(1) to reference Steps 4A(1) through 4A(6).
32-51-00 516	Adjustment/Test - Nose Gear Steering System. Revised Step 4B(12)(i) to indicate handwheel rotation is to be to the 10 (plus 3, minus 1) degree position.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 34
34-14-00 118	Fault Isolation - Air Data Computer. Revised Figure 107 to add a YES arrow out of Block 7 to Block 18.
34-14-00 501 thru 514	Adjustment/Test - Analog/Digital Air Data Computer System. Revised procedure for greater clarity.
34-19-00 501 thru 506	Adjustment/Test - Windshear Warning and Guidance System. Revised procedure to conform with Self Test procedure provided in Service Bulletin 34-179.
34-55-00 108	Fault Isolation - VOR System. Corrected format of Table 101.
34-56-00 1 thru 28	Description and Operation - Omega Navigation System. Revised Effectivity of Procedure from ALL to 11001 in accordance with CIC 473-548ML023.
34-56-00 101 thru 103/104	Fault Isolation - Omega Navigation System. Revised Effectivity of Procedure from ALL to 11001 in accordance with CIC 473-548ML023.
34-56-00 401 thru 404	Removal/Installation - Omega Navigation System. Revised Effectivity of Procedure from ALL to 11001 in accordance with CIC 473-548ML023.
34-56-00 801 thru 809/810	Approved Repairs - Omega Navigation System. Revised Effectivity of Procedure from ALL to 11001 in accordance with CIC 473-548ML023.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 49
49-61-00 14	Description and Operation - APU Power Plant Control System. Revised Table 1 to delete spurious data.
49-91-00 2	Description and Operation - Oil System. Revised Figure 1 to correctly identify Engine Oil and Generator Adapter Oil inlet and outlet ports.
49-91-01 403	Removal/Installation - Oil/Air Heat Exchanger. Revised Figure 401 to correctly identify Engine Oil and Generator Adapter Oil inlet and outlet ports.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 55
CONTENTS 6	Table of Contents - Revised and updated.
55-16-00 401 thru 415/416	Removal/Installation - Airgate Fairing. Revised procedure to show that stabilizer fitting serrated plates interface, in some cases, with plain aluminum plates on airgate fairing fittings and made revisions to procedure for greater clarity.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 71
71-00-00 541, 599 thru 610	Adjustment/Test - Power Plant. Revised procedure to include customer initiated change data which revised existing CIC data.
71-00-01 404, 444, 445, 446	Removal/Installation - Wing Mounted QEC Units. Revised procedure to correct circuit breaker nomenclature.
71-70-00 206, 207/208	Maintenance Practices - Engine Drains. Revised procedure to add a note to give acceptance standards for FFR drain leakage for engines with the cook VmO Fuel Seal (SB 73-9339).

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 72
72-31-01 413, 618, 622, 623/624	Inspection/Check - L.P. Compressor Case and Vanes. Revised procedure to incorporate the contents of temporary revision 72-144: To clarify fly-on repair limit for the ice impact panel. Revised to create common termonology between manuals for LPC OGV annulus former panels.
72-31-05 402, 405, 409 thru 411, 426 thru 431/432	Removal/Installation - L.P. Compressor Rotor Blades. Revised procedure to incorporate customer input to add additional method applicable to their maintenance system.
72-40-00 609 thru 615/616	Inspection/Check - Combustion Section. Revised procedure to include combustion section acceptance limits for a loss of thermal barrier coating.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 73
CONTENTS	Table of Contents - Revised and Updated.
73-00-00 307, 315/316	Servicing - Engine Fuel and Control: Revised to change the approved materials for inhibiting the Fuel system.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 74
74-00-00 107/108, 109/110, 115/116, 117/118, 123/124, 125/126	Fault Isolation - Ignition. Revised procedure to finalize Service Bulletin 11-124.
74-21-02 602 thru 606, 609 thru 613/614	Inspection/Check - High Energy Igniter Plug. Incorporated inspection limits for the Champion igniter plug type CH34698 which was introduced by RR Service Bulletin 74-9718.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 76
76-11-00 4 thru 24	Description and Operation - Engine Power Control System. Incorporated Service Bulletin 76-018 which revised the ground idle system.

CHAPTER/SECTION AND PAGE NO.	DESCRIPTION OF CHANGE
	CHAPTER 78
78-15-01 602, 603/604	Inspection/Check - Exhaust Collector. Revised procedure to incorporate customer input, to correct existing customer test.

CHAPTER/SECTION AND PAGE No.	DESCRIPTION OF CHANGE
	CHAPTER 80
80-11-00 7/8, 9/10	Description and Operation - Engine Starting System. Revised Figure 3 to finalize Service Bulletin 11-124.
80-11-00 109/110, 111/112, 117/118, 119/120, 125/126, 127/128	Fault Isolation - Engine Starting System. Revised procedure to finalize Service Bulletin 11-124.

TriStar L-1011

MAINTENANCE MANUAL

THIS MATERIAL CONTAINS PROPRIETARY INFORMATION OF LOCKHEED MARTIN AERONAUTICAL SYSTEMS. DISCLOSURE TO OTHERS, USE OR COPYING WITHOUT EXPRESS WRITTEN AUTHORIZATION OF LOCKHEED MARTIN AERONAUTICAL SYSTEMS IS STRICTLY PROHIBITED.

©1995 LOCKHEED MARTIN CORPORATION. UNPUBLISHED WORK. ALL RIGHTS RESERVED.

Lockheed Martin Aeronautical Systems

RECORD OF REVISIONS

REV. NO.	ISSUE DATE	DATE INSERTED	BY	REV. NO.	ISSUE DATE	DATE INSERTED	BY	REV. NO.	ISSUE DATE	DATE INSERTED	BY
	1972			17	11-15	11-15	LCC	32	11-15	11-15	LCC
1	1-15	--	LCC		1974				1977		
2	3-1	--	LCC	18	2-15	2-15	LCC	33	2-15	2-15	LCC
3	4-1	--	LCC	19	5-15	5-15	LCC	34	5-15	5-15	LCC
4	5-1	--	LCC	20	8-15	8-15	LCC	35	8-15	8-15	LCC
5	6-1	--	LCC	21	11-15	11-15	LCC	36	11-15	11-15	LCC
6	8-1	--	LCC		1975				1978		
7	10-1	--	LCC	22	2-15	2-15	LCC	37	2-15	2-15	LCC
8	12-1	--	LCC	23	5-15	5-15	LCC	38	5-15	5-15	LCC
	1973			24	8-15	8-15	LCC	39	8-15	8-15	LCC
9	1-15	1-15	LCC	25	11-15	11-15	LCC	40	11-15	11-15	LCC
10	2-15	2-15	LCC		1976				1979		
11	3-15	3-15	LCC	26	2-15	2-15	LCC	41	2-15	2-15	LCC
12	4-15	4-15	LCC	27	5-15	5-15	LCC	42	6-15	6-15	LCC
13	5-15	5-15	LCC	28	7-15	7-15	LCC	43	9-15	9-15	LCC
14	6-15	6-15	LCC	29	8-15	8-15	LCC	44	12-15	12-15	LCC
15	7-15	7-15	LCC	30	9-15	9-15	LCC		1980		
16	9-15	9-15	LCC	31	10-15	10-15	LCC	45	3-15	3-15	LCC

LOCKHEED

MAINTENANCE MANUAL

RECORD OF REVISIONS

REV. NO.	ISSUE DATE	DATE INSERTED	BY
46	6-15	6-15	LCC
47	9-15	9-15	LCC
48	12-15	12-15	LCC
1981			
49	3-15	3-15	LCC
50	8-15	8-15	LCC
51	11-15	11-15	LCC
1982			
52	2-15	2-15	LCC
53	5-15	5-15	LCC
54	8-15	8-15	LCC
55	11-15	11-15	LCC
1983			
56	3-15	3-15	LCC
57	7-15	7-15	LCC
58	11-15	11-15	LCC
1984			
59	3-15	3-15	LCC
60	7-15	7-15	LCC
61	11-15	11-15	LCC

REV. NO.	ISSUE DATE	DATE INSERTED	BY
1985			
62	5-15	5-15	LCC
63	11-15	11-15	LCC
1986			
64	5-15	5-15	LCC
65	11-15	11-15	LCC
1987			
66	5-15	5-15	LCC
67	11-15	11-15	LCC
1988			
68	5-15	5-15	LCC
69	11-15	11-15	LCC
1989			
70	5-15	5-15	LCC
71	11-15	11-15	LCC
1990			
72	5-15	5-15	LCC
1991			
73	3-15	3-15	LCC
74	12-15	12-15	LCC

REV. NO.	ISSUE DATE	DATE INSERTED	BY
1992			
75	6-15	6-15	LASC
76	12-15	12-15	LASC
1993			
77	6-15	6-15	LASC
78	12-15	12-15	LASC
1994			
79	6-15	6-15	LASC
80	12-15	12-15	LASC
1995			
81	6-15	6-15	LASC
82	12-15	12-15	LMAS
1996			
83	6-15	6-15	LMAS

LOCKHEED L-1011 TriStar

MAINTENANCE MANUAL

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
27-096		--	--	LCC	11-15-73
32-051		--	--	LCC	11-15-73
35-015		--	--	LCC	11-15-73
35-016		--	--	LCC	11-15-73
35-017		--	--	LCC	11-15-73
35-018		--	--	LCC	11-15-73
35-019		--	--	LCC	11-15-73
35-020		--	--	LCC	11-15-73
35-021		--	--	LCC	11-15-73
35-022		--	--	LCC	11-15-73
71-016		--	--	LCC	11-15-73
71-017		--	--	LCC	11-15-73
25-051		LCC	11-15-73	LCC	2-15-74
25-052		LCC	11-15-73	LCC	2-15-74
25-053		LCC	11-15-73	LCC	2-15-74
25-054		LCC	11-15-73	LCC	2-15-74
25-055		LCC	11-15-73	LCC	2-15-74
25-056		LCC	11-15-73	LCC	2-15-74
25-057		LCC	11-15-73	LCC	2-15-74
25-058		LCC	11-15-73	LCC	2-15-74
25-059		LCC	11-15-73	LCC	2-15-74
26-011		LCC	11-15-73	LCC	2-15-74
35-026		LCC	11-15-73	LCC	2-15-74
35-027		LCC	11-15-73	LCC	2-15-74
35-028		LCC	11-15-73	LCC	2-15-74
35-029		LCC	11-15-73	LCC	2-15-74
35-030		LCC	11-15-73	LCC	2-15-74
35-031		LCC	11-15-73	LCC	2-15-74
52-039		LCC	11-15-73	LCC	5-15-74
52-040		LCC	11-15-73	LCC	5-15-74
52-041		LCC	11-15-73	LCC	5-15-74
52-042		LCC	11-15-73	LCC	5-15-74
52-043		LCC	11-15-73	LCC	5-15-74

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
22-023	11-27-73	LCC	2-15-74	LCC	11-15
22-024	11-27	LCC	2-15-74	LCC	8-15
22-025	11-27	LCC	2-15-74	LCC	8-15
22-026	11-27	LCC	2-15-74	LCC	8-15
30-017	2-16	LCC	2-15-74	LCC	11-15
			1974		
22-028	4-1	LCC	5-15	LCC	11-15
22-029	4-1	LCC	5-15	LCC	11-15
22-030	4-1	LCC	5-15	LCC	11-15
22-031	4-1	LCC	5-15	LCC	11-15
22-032	4-1	LCC	5-15	LCC	11-15
22-033	4-1	LCC	5-15	LCC	11-15
22-034	4-1	LCC	5-15	LCC	11-15
22-035	4-1	LCC	5-15	LCC	11-15
22-036	4-1	LCC	5-15	LCC	11-15
22-037	4-1	LCC	5-15	LCC	11-15
22-038	4-1	LCC	5-15	LCC	11-15
22-039	4-1	LCC	5-15	LCC	11-15
22-040	4-1	LCC	5-15	LCC	11-15
24-020	3-16	LCC	5-15	LCC	5-15
24-021	3-16	LCC	5-15	LCC	5-15
24-022	3-16	LCC	5-15	LCC	5-15
24-023	4-1	LCC	5-15	LCC	5-15
27-063	12-16	LCC	5-15	LCC	5-15
27-064	2-16	LCC	5-15	LCC	5-15
27-065	4-16	LCC	5-15	LCC	5-15
27-066	4-16	LCC	5-15	LCC	5-15
27-067	4-16	LCC	5-15	LCC	5-15
27-068	4-16	LCC	5-15	LCC	5-15
31-004	4-16	LCC	5-15	LCC	5-15
31-005	4-16	LCC	5-15	LCC	2-15
31-006	4-16	LCC	5-15	LCC	11-15
34-035	3-28	LCC	5-15	LCC	8-15

continued

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED		REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE	TR NO.	DATED	BY	DATE	BY	DATE
			1974								
52-044	12-10	LCC	5-15	LCC	5-15	34-042	5-28	LCC	11-15	LCC	11-15
52-045	4-16	LCC	5-15	LCC	5-15	52-047	10-11	LCC	11-15	LCC	11-15
71-021	3-16	LCC	5-15	LCC	5-15	52-048	10-11	LCC	11-15	LCC	11-15
71-022	3-16	LCC	5-15	LCC	5-15	52-049	10-11	LCC	11-15	LCC	11-15
73-006	3-15	LCC	5-15	LCC	5-15	52-050	10-11	LCC	11-15	LCC	11-15
77-016	2-16	LCC	5-15	LCC	5-15	52-051	10-11	LCC	11-15	LCC	11-15
77-017	3-15	LCC	5-15	LCC	5-15	52-052	10-11	LCC	11-15	LCC	11-15
27-069	5-31	LCC	8-15	LCC	8-15	52-053	10-11	LCC	11-15	LCC	11-15
27-070	5-31	LCC	8-15	LCC	8-15	71-025	8-7	LCC	11-15	LCC	11-15
27-071	5-31	LCC	8-15	LCC	8-15	72-001	-	LCC	11-15	LCC	11-15
27-072	5-31	LCC	8-15	LCC	8-15	77-018	8-7	LCC	11-15	LCC	11-15
27-073	5-31	LCC	8-15	LCC	8-15	77-019	8-7	LCC	11-15	LCC	11-15
27-074	5-31	LCC	8-15	LCC	8-15	22-041	5-16	LCC	11-15	LCC	11-15
31-003	2-16	LCC	8-15	LCC	2-15	22-042	5-16	LCC	11-15	LCC	11-15
52-046	5-1	LCC	8-15	LCC	8-15	22-043	6-1	LCC	11-15	LCC	11-15
71-023	5-31	LCC	8-15	LCC	8-15	22-044	9-1	LCC	11-15	LCC	5-15
71-024	5-31	LCC	8-15	LCC	8-15	22-045	9-1	LCC	11-15	LCC	11-15
74-002	8-7	LCC	11-15	LCC	11-15	22-046	9-1	LCC	11-15	LCC	5-15
25-060	9-16	LCC	11-15	LCC	11-15	22-047	9-1	LCC	11-15	LCC	5-15
25-061	9-16	LCC	11-15	LCC	11-15	22-048	9-1	LCC	11-15	LCC	5-15
29-045	10-11	LCC	11-15	LCC	11-15	22-049	9-1	LCC	11-15	LCC	5-15
31-007	9-1	LCC	11-15	LCC	2-15	22-050	9-1	LCC	11-15	LCC	5-15
31-008	9-1	LCC	11-15	LCC	2-15	22-051	9-1	LCC	11-15	LCC	5-15
32-058	10-15	LCC	11-15	LCC	11-15	22-052	9-1	LCC	11-15	LCC	5-15
32-059	10-15	LCC	11-15	LCC	11-15	22-053	9-1	LCC	11-15	LCC	2-15
32-060	10-15	LCC	11-15	LCC	11-15	22-054	9-1	LCC	11-15	LCC	5-15
32-061	10-15	LCC	11-15	LCC	11-15	22-055	9-1	LCC	11-15	LCC	2-15
32-062	10-11	LCC	11-15	LCC	11-15	22-056	9-1	LCC	11-15	LCC	2-15
34-038	5-31	LCC	11-15	LCC	11-15	22-057	9-1	LCC	11-15	LCC	2-15
34-039	6-3	LCC	11-15	LCC	11-15	22-058	9-1	LCC	11-15	LCC	2-15
34-040	6-3	LCC	11-15	LCC	11-15	22-059	9-1	LCC	11-15	LCC	2-15
34-041	5-28	LCC	11-15	LCC	11-15	22-060	10-11	LCC	11-15	LCC	11-15

continued

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
22-061	10-11	LCC	11-15	LCC	11-15
22-062	10-11	LCC	11-15	LCC	11-15
22-063	10-11	LCC	11-15	LCC	11-15
			1975		
22-064	11-21	LCC	2-15	LCC	5-15
22-065	11-21	LCC	2-15	LCC	5-15
22-066	11-21	LCC	2-15	LCC	5-15
22-067	11-21	LCC	2-15	LCC	2-15
22-068	11-21	LCC	2-15	LCC	5-15
22-069	11-21	LCC	2-15	LCC	5-15
22-070	11-25	LCC	2-15	LCC	2-15
22-071	12-21	LCC	2-15	LCC	5-15
71-026	2-3	LCC	2-15	LCC	5-15
30-029	2-12	LCC	2-15	LCC	5-15
12-014	3-31	LCC	5-15	LCC	8-15
22-072	3-7	LCC	5-15	LCC	5-15
22-073	3-7	LCC	5-15	LCC	5-15
22-074	3-7	LCC	5-15	LCC	5-15
22-075	3-7	LCC	5-15	LCC	5-15
22-076	3-7	LCC	5-15	LCC	5-15
22-077	3-7	LCC	5-15	LCC	5-15
22-078	3-7	LCC	5-15	LCC	5-15
22-079	3-7	LCC	5-15	LCC	5-15
22-080	3-7	LCC	5-15	LCC	5-15
22-081	3-7	LCC	5-15	LCC	5-15
22-082	3-7	LCC	5-15	LCC	5-15
27-075	3-7	LCC	5-15	LCC	5-15
27-076	3-7	LCC	5-15	LCC	5-15
27-077	3-7	LCC	5-15	LCC	5-15
28-037	3-7	LCC	5-15	LCC	5-15
28-038	3-16	LCC	5-15	LCC	8-15
28-039	3-16	LCC	5-15	LCC	8-15
28-040	3-16	LCC	5-15	LCC	8-15

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
28-041	3-16	LCC	5-15	LCC	8-15
28-042	3-16	LCC	5-15	LCC	8-15
28-044	3-16	LCC	5-15	LCC	8-15
28-045	3-16	LCC	5-15	LCC	8-15
28-046	3-16	LCC	5-15	LCC	8-15
30-024	2-12	LCC	5-15	LCC	11-15
32-064	3-16	LCC	5-15	LCC	5-15
49-039	3-31	LCC	5-15	LCC	5-15
49-040	3-31	LCC	5-15	LCC	5-15
71-026	2-3	LCC	5-15	LCC	5-15
71-027	3-21	LCC	5-15	LCC	5-15
71-028	3-31	LCC	5-15	LCC	5-15
21-082	5-16	LCC	8-15	LCC	8-15
22-083	5-16	LCC	8-15	LCC	8-15
49-041	6-16	LCC	8-15	LCC	8-15
49-042	6-16	LCC	8-15	LCC	8-15
52-054	5-16	LCC	8-15	LCC	8-15
52-055	7-15	LCC	8-15	LCC	8-15
52-056	7-18	LCC	8-15	LCC	8-15
71-029	5-23	LCC	8-15	LCC	8-15
71-030	5-30	LCC	8-15	LCC	8-15
56-001	8-1	LCC	8-15	LCC	11-15
32-065	9-17	LCC	11-15	LCC	11-15
32-066	9-17	LCC	11-15	LCC	11-15
32-067	9-17	LCC	11-15	LCC	11-15
32-068	9-17	LCC	11-15	LCC	11-15
71-031	10-24	LCC	11-15	LCC	2-15
75-004	10-24	LCC	11-15	LCC	2-15
77-020	9-16	LCC	11-15	LCC	11-15
77-021	10-6	LCC	11-15	LCC	11-15
			1976		
12-015	11-26	LCC	2-15	LCC	2-15
49-043	11-26	LCC	2-15	LCC	2-15

continued

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
52-057	12-16	LCC	2-15	LCC	2-15
52-058	12-16	LCC	2-15	LCC	2-15
29-046	12-17	LCC	2-15	LCC	2-15
34-043	4-1	LCC	4-15	LCC	5-15
76-006	4-30	LCC	5-15	LCC	7-15
77-002	4-30	LCC	5-15	LCC	7-15
22-084	5-16	LCC	5-20	LCC	9-15
22-085	5-20	LCC	5-25	LCC	7-15
22-086	5-20	LCC	5-25	LCC	7-15
22-087	5-20	LCC	5-25	LCC	7-15
22-088	5-20	LCC	5-25	LCC	7-15
25-062	5-20	LCC	5-25	LCC	7-15
26-012	5-20	LCC	5-25	LCC	7-15
28-047	5-20	LCC	5-25	LCC	7-15
32-069	5-20	LCC	5-25	LCC	8-15
71-032	5-20	LCC	5-25	LCC	7-15
71-033	5-20	LCC	5-25	LCC	7-15
22-089	6-9	LCC	6-15	LCC	5-15-7
32-070	6-23	LCC	6-25	LCC	8-15
32-071	6-23	LCC	6-25	LCC	8-15
77-023	7-1	LCC	7-15	LCC	8-15
22-090	8-27	LCC	9-1	LCC	9-15
21-083	9-2	LCC	9-5	LCC	11-15
32-072	12-16	LCC	12-20	LCC	2-15
77-024	11-16	LCC	11-19	LCC	2-15
77-025	11-16	LCC	11-19	LCC	2-15
77-026	11-16	LCC	11-19	LCC	2-15
			1977		
22-091	3-25	LCC	4-1	LCC	5-15
74-003	4-1	LCC	4-5	LCC	5-15
32-073	4-16	LCC	4-20	LCC	5-15
32-074	4-16	LCC	4-20	LCC	5-15
22-092	5-16	LCC	5-20	LCC	8-15

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
22-093	5-16	LCC	5-20	LCC	8-15
22-094	5-16	LCC	5-20	LCC	8-15
22-095	5-16	LCC	5-20	LCC	8-15
22-096	5-16	LCC	5-20	LCC	8-15
22-097	5-16	LCC	5-20	LCC	8-15
22-098	5-16	LCC	5-20	LCC	8-15
22-099	5-16	LCC	5-20	LCC	8-15
22-100	5-16	LCC	5-20	LCC	8-15
22-101	5-16	LCC	5-20	LCC	8-15
22-102	5-16	LCC	5-20	LCC	8-15
56-002	6-16	LCC	6-20	LCC	8-15
27-078	9-1	LCC	9-5	LCC	2-15
27-079	9-1	LCC	9-5	LCC	2-15
27-080	9-1	LCC	9-5	LCC	2-15
27-081	9-1	LCC	9-5	LCC	2-15
27-082	9-1	LCC	9-5	LCC	2-15
27-083	9-1	LCC	9-5	LCC	2-15
27-084	9-1	LCC	9-5	LCC	2-15
27-085	9-1	LCC	9-5	LCC	2-15
27-086	9-1	LCC	9-5	LCC	2-15
27-087	9-1	LCC	9-5	LCC	2-15
27-088	9-1	LCC	9-5	LCC	2-15
27-089	9-1	LCC	9-5	LCC	2-15
27-090	9-1	LCC	9-5	LCC	2-15
27-091	9-1	LCC	9-5	LCC	2-15
27-092	9-1	LCC	9-5	LCC	2-15
27-093	9-1	LCC	9-5	LCC	2-15
27-094	9-10	LCC	9-15	LCC	2-15
71-034	11-4	LCC	11-9	LCC	2-15
			1978		
32-075	3-10	LCC	3-15	LCC	5-15
5-005	4-10	LCC	4-15	LCC	5-15
27-095	4-24	LCC	5-1	LCC	8-15

continued

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
27-096	4-24	LCC	5-1	LCC	8-15
27-097	4-24	LCC	5-1	LCC	8-15
32-076	4-24	LCC	5-1	LCC	5-15
32-077	4-24	LCC	5-1	LCC	5-15
52-059	4-24	LCC	5-1	LCC	5-15
52-060	4-28	LCC	5-1	LCC	8-15
52-061	4-28	LCC	5-1	LCC	8-15
52-062	4-28	LCC	5-1	LCC	8-15
52-063	4-28	LCC	5-1	LCC	8-15
71-035	5-17	LCC	5-23	LCC	8-15
36-040	6-9	LCC	6-15	LCC	8-15
74-004	6-9	LCC	6-15	LCC	8-15
74-005	6-9	LCC	6-15	LCC	8-15
5-006	6-23	LCC	6-30	LCC	8-15
32-078	6-23	LCC	6-30	LCC	8-15
32-079	6-23	LCC	6-30	LCC	8-15
76-007	7-18	LCC	7-25	LCC	8-15
49-044	7-20	LCC	7-25	LCC	8-15
52-064	8-18	LCC	8-23	LCC	10-15
24-024	11-17	LCC	11-25	LCC	2-15-8
			1979		
53-001	2-16	(Superseded)			
76-008	3-16	LCC	3-20	LCC	6-15
53-002	3-23	LCC	4-1	LCC	6-15
28-048	4-12	LCC	4-17	LCC	9-15
12-016	6-18	LCC	6-23	LCC	9-15
12-017	9-9	LCC	9-15	LCC	12-15
22-103	9-21	LCC	9-25	LCC	12-15
22-104	10-2	LCC	10-7	LCC	12-15
71-036	10-16	LCC	10-21	LCC	12-15
71-037	10-16	LCC	10-21	LCC	12-15
71-038	10-16	LCC	10-21	LCC	12-15
71-039	10-16	LCC	10-21	LCC	12-15

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
49-045	10-19	LCC	10-23	LCC	12-15
49-046	10-19	LCC	10-23	LCC	12-15
49-047	10-19	LCC	10-23	LCC	12-15
28-049	11-16	LCC	11-21	LCC	12-15
			1980		
71-040	2-16	LCC	3-15	LCC	6-15
27-098	3-16	LCC	3-21	LCC	6-15
27-099	3-16	LCC	3-21	LCC	6-15
56-003	3-21	LCC	3-26	LCC	6-15
27-100	3-31	LCC	4-5	LCC	6-15
32-080	6-16	LCC	6-23	LCC	9-15
32-081	7-1	LCC	7-6	LCC	9-15
55-001	7-1	LCC	7-6	LCC	9-15
32-082	7-21	LCC	7-6	LCC	8-15-81
12-018	8-1	LCC	8-5	LCC	9-15
21-084	8-1	LCC	8-5	LCC	9-15
21-085	8-1	LCC	8-5	LCC	9-15
74-006	8-25	LCC	9-1	LCC	12-15
23-007	9-22	LCC	9-27	LCC	8-15-81
21-086	10-16	LCC	10-23	LCC	12-15
26-013	10-16	LCC	10-23	LCC	12-15
30-013	10-16	LCC	10-23	LCC	12-15
30-031	10-16	LCC	10-23	LCC	12-15
74-007	10-24	LCC	10-27	LCC	12-15
			1981		
28-050	1-16	LCC	1-21	LCC	3-15
28-051	1-16	LCC	1-21	LCC	3-15
21-087	1-19	LCC	1-25	LCC	3-15
20-008	3-16	LCC	3-24	LCC	8-15
22-105	4-6	LCC	4-10	LCC	11-15
12-019	4-16	LCC	4-23	LCC	8-15
12-020	4-16	LCC	4-23	LCC	8-15
21-088	4-16	LCC	4-23	LCC	8-15

continued

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED		REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE	TR NO.	DATED	BY	DATE	BY	DATE
28-052	4-16	LCC	4-23	LCC	8-15	54-004	2-16	LCC	2-21	LCC	8-15-82
54-001	4-27	LCC	5-2	LCC	8-15	71-041	3-16	LCC	3-23	LCC	8-15-82
55-002	8-16	LCC	8-23	LCC	11-15	71-042	4-1	LCC	4-6	LCC	8-15
80-003	8-16	LCC	8-23	LCC	11-15	71-043	4-1	LCC	4-6	LCC	8-15
55-003	8-20	LCC	8-25	LCC	11-15	52-075	5-16	LCC	5-23	LCC	8-15
55-004	8-22	LCC	8-29	LCC	11-15	24-026	8-16	LCC	8-19	LCC	11-15
77-027	9-5	LCC	9-10	LCC	11-15	27-101	8-16	LCC	8-22	LCC	11-15
91-001	10-1	LCC	10-6	LCC	11-15	27-102	8-16	LCC	8-22	LCC	11-15
11-004	10-23	LCC	10-28	LCC	8-15-82	27-103	8-16	LCC	8-22	LCC	11-15
32-083	11-1	LCC	11-6	LCC	8-15-82	27-104	8-16	LCC	8-22	LCC	11-15
32-084	11-1	LCC	11-6	LCC	8-15-82	27-105	10-16	LCC	10-23	LCC	8-15-83
32-085	11-1	LCC	11-6	LCC	8-15-82	27-106	10-16	LCC	10-23	LCC	8-15-83
32-086	11-1	LCC	11-6	LCC	8-15-82	27-107	10-16	LCC	10-23	LCC	8-15-83
32-087	11-1	LCC	11-6C	LCC	8-15-82	27-108	10-16	LCC	10-23	LCC	8-15-83
52-065	11-1	LCC	11-6	LCC	8-15-82	52-076	10-16	LCC	10-25	LCC	11-15
52-066	11-1	LCC	11-6	LCC	8-15-82	52-077	10-16	LCC	10-25	LCC	11-15
77-028	11-10	LCC	11-16	LCC	8-15-82	52-078	10-16	LCC	10-25	LCC	11-15
77-029	11-10	LCC	11-16	LCC	8-15-82	52-079	10-16	LCC	10-25	LCC	8-15-83
77-030	11-10	LCC	11-16	LCC	8-15-82	52-080	10-16	LCC	10-25	LCC	8-15-83
77-031	11-10	LCC	11-16	LCC	8-15-82	52-081	10-16	LCC	10-25	LCC	8-15-83
77-032	11-10	LCC	11-16	LCC	8-15-82	52-082	10-16	LCC	10-25	LCC	8-15-83
52-067	11-16	LCC	11-23	LCC	8-15-82	33-001	11-16	LCC	11-21	LCC	8-15-83
52-068	11-16	LCC	11-23	LCC	8-15-82	33-002	11-16	LCC	11-21	LCC	8-15-83
52-069	11-16	LCC	11-23	LCC	8-15-82	36-042	11-16	LCC	11-21	LCC	8-15-83
52-070	11-16	LCC	11-23	LCC	8-15-82	36-043	11-16	LCC	11-21	LCC	8-15-83
52-071	11-16	LCC	11-23	LCC	8-15-82	36-044	11-16	LCC	11-21	LCC	8-15-83
52-072	11-16	LCC	11-23	LCC	8-15-82	36-045	11-16	LCC	11-21	LCC	8-15-83
52-073	11-16	LCC	11-23	LCC	8-15-82	36-046	11-16	LCC	11-21	LCC	8-15-83
21-089	12-4	LCC	12-9	LCC	8-15-82				1983		
55-055	12-7	LCC	12-16	LCC	8-15-82	49-048	2-16	LCC	2-20	LCC	7-15
77-033	12-16	LCC	12-22	LCC	8-15-82	49-049	2-16	LCC	2-20	LCC	7-15
			1982			49-050	2-16	LCC	2-20	LCC	7-15
52-074	2-16	LCC	2-21	LCC	8-15-82	52-083	2-16	LCC	2-20	LCC	7-15

continued

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE
71-044	2-16	LCC	2-19	LCC	7-15
77-034	3-16	LCC	3-21	LCC	7-15
27-110	4-16	LCC	4-19	LCC	7-15
27-111	4-16	LCC	4-19	LCC	7-15
74-008	4-16	LCC	4-21	LCC	7-15
27-112	5-16	LCC	5-20	LCC	7-15
27-115	7-1	LCC	7-15	LCC	11-15
27-113	4-29	LCC	8-1	LCC	11-15
27-114	4-29	LCC	8-1	LCC	11-15
27-116	7-16	LCC	8-1	LCC	11-15
71-044	9-1	LCC	9-4	LCC	3-15-84
27-117	12-23	LCC	1-7	LCC	3-15-84
			1984		
77-035	2-16	LCC	2-20	LCC	3-15
36-047	6-16	LCC	6-25	LCC	11-15
36-048	6-16	LCC	6-25	LCC	11-15
36-049	11-16	LCC	11-24	LCC	5-15-5
36-050	11-16	LCC	11-24	LCC	5-15-5
36-051	11-16	LCC	11-24	LCC	5-15-5
36-052	11-16	LCC	11-24	LCC	5-15-5
36-053	11-16	LCC	11-24	LCC	5-15-5
36-054	11-16	LCC	11-24	LCC	5-15-5
36-055	11-16	LCC	11-24	LCC	5-15-5
36-056	11-16	LCC	11-24	LCC	5-15-5
36-057	11-16	LCC	11-24	LCC	5-15-5
36-058	11-16	LCC	11-24	LCC	5-15-5
			1985		
12-021	1-16	LCC	1-23	LCC	5-15
49-051	6-16	LCC	6-23	LCC	11-15
20-009	11-16	LCC	11-23	LCC	5-15-6
20-010	11-16	LCC	11-23	LCC	5-15-6
			1986		
76-009	1-16	LCC	1-19	LCC	5-15
22-108	10-1	LCC	10-3	LCC	11-15
			1987		
12-022	6-1	LCC	6-6	LCC	11-15
77-036	11-16	LCC	11-20	LCC	5-15-8
32-088	12-4	LCC	12-10	LCC	5-15-8
22-109	12-10	LCC	12-15	LCC	5-15-8
23-008	12-10	LCC	12-15	LCC	5-15-8
33-003	12-10	LCC	12-15	LCC	5-15-8
33-004	12-10	LCC	12-15	LCC	5-15-8
33-005	12-10	LCC	12-15	LCC	5-15-8
			1988		
5-007	7-1	LCC	7-6	LCC	10-15
55-006	7-16	LCC	7-23	LCC	10-15
20-011	8-1	LCC	8-12	LCC	10-15
32-089	9-26	LCC	10-10	LCC	5-15-9
32-090	9-26	LCC	10-10	LCC	5-15-9
			1989		
20-011	11-16	LCC	11-25	LCC	5-15-90
20-012	11-16	LCC	11-25	LCC	5-15-90
71-045	11-16	LCC	11-26	LCC	5-15-90
29-047	11-28	LCC	12-10	LCC	5-15-90
			1990		
71-046	3-26	LCC	4-5	LCC	5-15-90
			1991		
71-047	11-16	LCC	11-16	LCC	12-15-91
			1992		
71-048	1-30	LASC	1-30	LASC	6-15-92

continued

LOCKHEED

MAINTENANCE MANUAL

RECORD OF TEMPORARY REVISIONS

REVISION		INSERTED		REMOVED		REVISION		INSERTED		REMOVED	
TR NO.	DATED	BY	DATE	BY	DATE	TR NO.	DATED	BY	DATE	BY	DATE

RECORD OF ROLLS-ROYCE REVISIONS

'The introduction of data by revision or amendment or temporary revision or amendment not certified in accordance with BCAR Chapter A8-2 will invalidate the initial certification on the title page of the manual relative to the part revised. 'With the exception of revisions and temporary revisions embodied by Rolls-Royce in this manual under the approval of the operator's airworthiness authority, and identified by the marginal code letter 'C', revisions or amendments or temporary revisions or amendments embodied in this manual which have been certified by an approved Design Organisation other than that applicable to the initial certification, or any revision or amendment introduced by any other source not subject to BCAR, must be recorded on separate record sheets.'

Transmittal		Inserted		Transmittal		Inserted		Transmittal		Inserted	
No.	Dated	By	Date	No.	Dated	By	Date	No.	Dated	By	Date
		1972		31	7-7	LCC	8-15	58	11-15	LCC	11-15
1	6-9	LCC	--	32	10-6	LCC	11-15			1984	
2	7-12	LCC	--			1977		59	1-15	LCC	3-15
3	7-23	LCC	--	33	1-6	LCC	2-15	60	7-15	LCC	7-15
4	8-12	LCC	--	34	5-15	LCC	5-15	61	11-15	LCC	11-15
5	10-4	LCC	--	35	8-15	LCC	8-15			1985	
6	11-8	LCC	--	36	11-15	LCC	11-15	62	5-15	LCC	5-15
7	12-8	LCC	--			1978		63	11-15	LCC	11-15
		1973		37	2-15	LCC	2-15			1986	
8	1-10	LCC	--	38	5-15	LCC	5-15	64	5-15	LCC	5-15
9	2-7	LCC	--	39	8-15	LCC	8-15	65	11-15	LCC	11-15
10	3-8	LCC	--	40	10-15	LCC	10-15			1987	
11	4-12	LCC	--			1979		66	5-15	LCC	5-15
12	5-10	LCC	--	41	2-15	LCC	2-15	67	11-15	LCC	11-15
13	6-6	LCC	7-15	42	6-15	LCC	6-15			1988	
14	7-11	LCC	9-15	43	9-15	LCC	9-15	68	5-15	LCC	5-15
15	8-9	LCC	9-15	44	12-15	LCC	12-15	69	11-15	LCC	11-15
16	9-5	LCC	11-15			1980				1989	
17	10-10	LCC	11-15	45	3-15	LCC	3-15	70	5-15	LCC	5-15
		1974		46	6-15	LCC	6-15	71	11-15	LCC	11-15
18	11-7	LCC	2-15	47	9-15	LCC	9-15			1990	
19	12-5	LCC	2-15	48	12-15	LCC	12-15	72	5-15	LCC	5-15
20	1-9	LCC	2-15			1981				1991	
21	2-5	LCC	5-15	49	3-15	LCC	3-15	73	3-15	LCC	3-15
23	7-10	LCC	8-15	50	8-15	LCC	8-15	74	12-15	LCC	12-15
24	10-9	LCC	11-15	51	11-15	LCC	11-15			1992	
		1975				1982		75	6-15	LASC	6-15
25	1-7	LCC	2-15	52	2-15	LCC	2-15	76	12-15	LASC	12-15
26	4-2	LCC	5-15	53	5-15	LCC	5-15			1993	
27	7-4	LCC	8-15	54	8-15	LCC	8-15	77	6-15	LASC	6-15
28	10-9	LCC	11-15	55	11-15	LCC	11-15	78	12-15	LASC	12-15
		1976				1983				1994	
29	1-9	LCC	2-15	56	3-15	LCC	3-15	79	6-15	LASC	6-15
30	4-7	LCC	5-15	57	7-15	LCC	7-15	80	12-15	LASC	12-15

continued

RECORD OF ROLLS-ROYCE REVISIONS

Transmittal		Inserted		Transmittal		Inserted		Transmittal		Inserted	
No.	Dated	By	Date	No.	Dated	By	Date	No.	Dated	By	Date
	1995										
81	NOT ISSUED										
82	12-15	LMAS	12-15								
	1996										
83	6-15	LMAS	6-15								

RECORD OF ROLLS-ROYCE TEMPORARY REVISIONS

'The introduction of data by revision or amendment or temporary revision or amendment not certified in accordance with BCAR Chapter A6-2 will invalidate the initial certification on the title page of the manual relative to the part revised. With the exception of revisions and temporary revisions embodied by Rolls-Royce in this manual under the approval of the operator's airworthiness authority, and identified by the marginal code letter 'C', revisions or amendments or temporary revisions or amendments embodied in this manual which have been certified by an approved Design Organisation other than that applicable to the initial certification, or any revision or amendment introduced by any other source not subject to BCAR, must be recorded on separate record sheets.'

Revision		Inserted		Removed		Revision		Inserted		Removed	
No.	Dated	By	Date	By	Date	No.	Dated	By	Date	By	Date
73-14	--	--	--	LCC	11-15-73	73-22	9-20	LCC	11-15	LCC	2-15
73-15	--	--	--	LCC	11-15-73	71-14	6-9	LCC	11-15	LCC	5-15-7
71-10	--	LCC	11-15-73	LCC	2-15-74				1975		
72-19	--	LCC	11-15-73	LCC	2-15-74	71-16	6-5	LCC	2-15	LCC	8-15
72-20	--	LCC	11-15-73	LCC	2-15-74	71-17	11-14	LCC	2-15	LCC	8-15
73-16	--	LCC	11-15-73	LCC	2-15-74	71-18	11-14	LCC	2-15	LCC	2-15
73-17	--	LCC	11-15-73	LCC	2-15-74	71-19	1-23	LCC	2-15	LCC	2-15-6
73-18	--	LCC	11-15-73	LCC	2-15-74	71-20	1-9	LCC	2-15	LCC	5-15
72-21		LCC	2-15-74	LCC	5-15-74	75-6	12-16	LCC	2-15	LCC	8-15
72-22		LCC	Repl. by 72-28			75-7	12-16	LCC	2-15	LCC	8-15
72-23		LCC	2-15-74	LCC	5-15-74	78-22	11-15	LCC	2-15	LCC	8-15
		1974				78-23	12-10	LCC	2-15	LCC	8-15
72-27	4-19	LCC	5-15	LCC	8-15-74	78-24	1-14	LCC	2-15	LCC	8-15
78-13	3-14	LCC	5-15	LCC	11-15-74	78-25	1-14	LCC	2-15	LCC	11-15
78-14	3-14	LCC	5-15	LCC	8-15-74	72-34	2-10	LCC	5-15	LCC	8-15
78-15	3-14	LCC	5-15	LCC	8-15-74	73-24	4-9	LCC	5-15	LCC	8-15
78-16	3-21	LCC	5-15	LCC	8-15-74	73-23	-	LCC	8-15	LCC	11-15
78-18	4-19	LCC	5-15	LCC	8-15-74	78-26	1-14	LCC	8-15	LCC	2-15-6
71-11	12-4	LCC	5-15	LCC	8-15-74	71-21	4-30	LCC	8-15	LCC	2-15-6
71-13	-	LCC	8-15	LCC	8-15-74	71-22	5-5	LCC	8-15	LCC	11-15
71-15	-	LCC	8-15	LCC	8-15-74	73-25	5-5	LCC	8-15	LCC	2-15
72-26	-	LCC	8-15	LCC	8-15-74	73-26	6-16	LCC	8-15	LCC	2-15
72-28	-	LCC	8-15	LCC	8-15-74	73-27	6-16	LCC	8-15	LCC	2-15
72-29	-	LCC	8-15	LCC	8-15-74	73-28	6-16	LCC	8-15	LCC	2-15
78-12	-	LCC	8-15	LCC	8-15-74	73-29	6-16	LCC	8-15	LCC	2-15
78-17	-	LCC	8-15	LCC	8-15-74	73-30	6-16	LCC	8-15	LCC	2-15
78-19	-	LCC	8-15	LCC	8-15-74	73-31	6-16	LCC	8-15	LCC	2-15
78-20	8-26	LCC	11-15	LCC	11-15	73-32	6-16	LCC	8-15	LCC	2-15
78-21	8-26	LCC	11-15	LCC	11-15	73-33	6-16	LCC	8-15	LCC	2-15
72-30	6-3	LCC	11-15	LCC	11-15	72-35	7-11	LCC	8-15	LCC	2-15
72-31	6-19	LCC	11-15	LCC	11-15	72-36	-	LCC	11-15	LCC	11-15
72-32	7-22	LCC	11-15	LCC	8-15	71-23	8-19	LCC	11-15	LCC	5-15
73-20	6-20	LCC	11-15	LCC	11-15	71-24	8-19	LCC	11-15	LCC	5-15
73-21	7-22	LCC	11-15	LCC	11-15	71-25	8-19	LCC	11-15	LCC	5-15

continued

Revision		Inserted		Removed		Revision		Inserted		Removed	
No.	Dated	By	Date	By	Date	No.	Dated	By	Date	By	Date
78-27	7-29	LCC	11-15	LCC	5-15-7	73-34	--	LCC	--	LCC	8-15
78-28	9-12	LCC	11-15	LCC	2-15	71-28	7-12	LCC	--	LCC	8-15
			1976			71-29	7-12	LCC	--	LCC	8-15
72-37	11-17	LCC	2-15	LCC	5-15	73-35	7-19	LCC	--	LCC	8-15
78-29	12-4	LCC	2-15	LCC	5-15	71-30	7-21	LCC	--	LCC	11-15
71-26	12-11	LCC	2-15	LCC	8-15	71-31	7-21	LCC	--	LCC	11-15
72-38	12-15	LCC	2-15	LCC	2-15	71-32	7-21	LCC	--	LCC	11-15
72-39	12-15	LCC	2-15	LCC	2-15	71-33	8-12	LCC	--	LCC	11-15
72-40	12-15	LCC	2-15	LCC	2-15	71-34	8-12	LCC	--	LCC	11-15
78-30	1-13	LCC	2-15	LCC	11-15	71-35	8-12	LCC	--	LCC	11-15
72-41	2-10	LCC	5-15	LCC	5-15-7	71-36	8-19	LCC	--	LCC	11-15
72-42	2-10	LCC	5-15	LCC	5-15-7	71-37	8-19	LCC	--	LCC	11-15
72-43	2-13	LCC	5-15	LCC	8-15	72-57	9-19	LCC	--	LCC	2-15
72-44	4-6	LCC	5-15	LCC	8-15	72-58	9-19	LCC	--	LCC	11-15
72-45	4-6	LCC	5-15	LCC	8-15	71-38	10-10	LCC	--	LCC	5-15
78-31	4-6	LCC	5-15	LCC	8-15	71-39	10-10	LCC	--	LCC	2-15
78-32	4-6	LCC	5-15	LCC	8-15	73-36	10-14	LCC	--	LCC	2-15
78-33	4-6	LCC	5-15	LCC	8-15	71-40	10-28	LCC	--	LCC	2-15
78-34	5-19	LCC	6-1	LCC	8-15	71-41	10-28	LCC	--	LCC	2-15
78-35	5-19	LCC	6-1	LCC	8-15	75-10	10-28	LCC	--	LCC	2-15
72-46	7-19	LCC	8-1	LCC	11-15	75-11	10-28	LCC	--	LCC	2-15
72-47	(Not Received)			LCC	2-15-7	71-42	11-7	LCC	--	LCC	2-15
72-48	(Not Received)			LCC	2-15-7	71-46	11-30	LCC	--	LCC	2-15
72-49	7-19	LCC	8-1	LCC	11-15	71-43	12-12	LCC	--	LCC	5-15
72-50	7-19	LCC	8-1	LCC	11-15	71-44	12-12	LCC	--	LCC	5-15
72-51	7-19	LCC	8-1	LCC	11-15	71-45	12-12	LCC	--	LCC	5-15
72-52	7-19	LCC	8-1	LCC	11-15				1978		
72-53	7-19	LCC	8-1	LCC	11-15	78-39	1-16	LCC	--	LCC	5-15
78-36	9-13	LCC	10-1	LCC	2-15-7	78-40	1-16	LCC	--	LCC	5-15
78-37	9-15	LCC	10-1	LCC	2-15-7	72-59	1-24	LCC	--	LCC	5-15
78-38	9-24	LCC	10-1	LCC	2-15-7	72-60	1-24	LCC	--	LCC	5-15
75-8	10-7	LCC	10-15	LCC	2-15-7	73-37	1-24	LCC	--	LCC	5-15
72-54	12-16	LCC	12-23	LCC	5-15-7	73-38	1-24	LCC	--	LCC	5-15
72-55	12-16	LCC	12-23	LCC	5-15-7	73-39	1-24	LCC	--	LCC	5-15
72-56	12-16	LCC	12-23	LCC	5-15-7	73-40	1-24	LCC	--	LCC	5-15
			1977			73-41	1-24	LCC	--	LCC	5-15
75-9	2-7	LCC	2-10	LCC	5-15	73-42	1-24	LCC	--	LCC	5-15
71-27	5-24	LCC	---	LCC	8-15	73-43	1-24	LCC	--	LCC	5-15

Revision		Inserted		Removed		Revision		Inserted		Removed	
No.	Dated	By	Date	By	Date	No.	Dated	By	Date	By	Date
73-44	1-24	LCC	--	LCC	5-15	73-50	7-30	LCC	--	LCC	12-15
73-45	1-24	LCC	--	LCC	5-15	73-51	8-3	LCC	--	LCC	12-15
73-46	1-24	LCC	--	LCC	5-15	73-52	8-3	LCC	--	LCC	12-15
73-47	1-24	LCC	--	LCC	5-15	73-53	8-3	LCC	--	LCC	12-15
72-62	1-27	LCC	--	LCC	5-15	73-54	8-3	LCC	--	LCC	12-15
71-47	1-31	LCC	--	LCC	5-15	72-77	9-3	LCC	--	LCC	12-15
71-48	1-31	LCC	--	LCC	5-15	70-1	9-3	LCC	--	LCC	12-15
71-49	2-6	LCC	--	LCC	5-15	72-78	9-17	LCC	--	LCC	12-15
72-61	2-9	LCC	--	LCC	5-15	72-79	9-17	LCC	--	LCC	12-15
72-63	3-21	LCC	--	LCC	5-15	72-80	9-17	LCC	--	LCC	12-15
72-64	3-21	LCC	--	LCC	5-15	72-81	9-17	LCC	--	LCC	12-15
72-65	3-21	LCC	--	LCC	5-15	72-82	9-17	LCC	--	LCC	12-15
72-66	3-21	LCC	--	LCC	5-15	72-83	9-28	LCC	--	LCC	12-15
72-67	5-23	LCC	--	LCC	8-15	72-84	9-28	LCC	--	LCC	12-15
72-68	7-14	LCC	--	LCC	10-15	71-62	10-26	LCC	--	LCC	12-15
72-69	7-14	LCC	--	LCC	10-15	73-55	10-26	LCC	--	LCC	12-15
72-70	7-17	LCC	--	LCC	10-15	78-41	10-26	LCC	--	LCC	12-15
72-71	7-19	LCC	--	LCC	10-15	71-63	10-29	LCC	--	LCC	8-15-0
72-72	7-19	LCC	--	LCC	10-15	71-64	12-14	LCC	--	LCC	8-15-0
72-73	9-8	LCC	--	LCC	2-15-9	72-85	12-17	LCC	--	LCC	8-15-0
72-74	9-8	LCC	--	LCC	10-15				1980		
72-75	9-8	LCC	--	LCC	10-15	73-53	2-12	LCC	--	LCC	6-15
72-76	9-8	LCC	--	LCC	10-15	73-54	2-12	LCC	--	LCC	6-15
71-50	9-13	LCC	--	LCC	10-15	73-55	2-12	LCC	--	LCC	6-15
71-51	9-13	LCC	--	LCC	10-15	73-56	3-7	LCC	--	LCC	9-15
71-52	9-13	LCC	--	LCC	10-15	70-2	3-14	LCC	--	LCC	6-15
71-53	9-13	LCC	--	LCC	10-15	71-65	4-30	LCC	--	LCC	9-15
71-54	9-13	LCC	--	LCC	10-15	71-66	4-30	LLCC	--	LCC	9-15
71-55	9-29	LCC	--	LCC	2-15-9	71-67	4-30	LCC	--	LCC	9-15
71-56	9-29	LCC	--	LCC	2-15-9	71-68	4-30	LCC	--	LCC	9-15
71-57	(Not Received)					71-69	4-30	LCC	--	LCC	9-15
71-58	11-17	LCC	--	LCC	2-15-9	71-70	4-30	LCC	--	LCC	9-15
73-48	9-22	LCC	--	LCC	2-15-9	73-36	5-9	LCC	--	LCC	3-15-81
			1979			78-42	5-21	LCC	--	LCC	9-15
71-59	2-15	LCC	--	LCC	6-15	78-43	5-21	LCC	--	LCC	9-15
71-60	2-15	LCC	--	LCC	6-15	78-44	5-21	LCC	--	LCC	9-15
71-61	2-15	LCC	--	LCC	6-15	71-71	5-30	LCC	--	LCC	9-15
73-49	7-20	LCC	--	LCC	12-15	71-72	5-30	LCC	--	LCC	9-15

RECORD OF ROLLS ROYCE TEMPORARY REVISIONS

Revision		Inserted		Removed	
No.	Dated	By	Date	By	Date
71-73	5-30	LCC	--	LCC	9-15
71-74	5-30	LCC	--	LCC	9-15
71-75	5-30	LCC	--	LCC	9-15
71-77	6-16	LCC	--	LCC	9-15
71-76	6-19	LCC	--	LCC	3-15-81
72-88	7-7	LCC	--	(Superceded)	
72-87	7-16	LCC	--	LCC	12-15
72-89	10-15	LCC	--	LCC	12-15
72-90	10-17	LCC	--	LCC	12-15
			1981		
70-4	3-5	LCC	--	LCC	8-15
72-91	(Not Received)				
72-92	(Not Received)				
72-93	(Not Received)				
72-94	(Not Received)				
72095	(Not Received)				
72-96	3-31	LCC	--	LCC	11-15
72-97	3-31	LCC	--	LCC	11-15
72-98	3-31	LCC	--	LCC	11-15
72-99	3-31	LCC	--	LCC	11-15
72-100	5-15	LCC	--	LCC	11-15
71-78	5-22	LCC	--	LCC	11-15
72-101	5-28	LCC	--	LCC	11-15
71-79	5-29	LCC	--	LCC	11-15
72-102	7-24	LCC	--	LCC	11-15
72-103	7-24	LCC	--	LCC	11-15
78-45	10-23	LCC	--	LCC	5-15-82
71-80	10-29	LCC	--	LCC	5-15-82
71-81	10-16	(Superseded)			
71-82	11-30	LCC	--	LCC	5-15-82
			1982		
72-104	1-26	LCC	--	LCC	8-15
71-83	3-1	LCC	--	LCC	5-15-82
71-84	3-1	LCC	--	LCC	5-15-82
72-105	2-25	LCC	--	LCC	11-15
72-106	2-15	LCC	--	(Superseded)	
71-85	(Superseded)				
80-1	4-9	LCC	--	LCC	8-15

Revision		Inserted		Removed	
No.	Dated	By	Date	By	Date
71-86	5-16	LCC	--	LCC	8-15
71-87	5-16	LCC	--	LCC	3-15-83
72-107	7-15	LCC	--	LCC	3-15-83
71-88	10-16	LCC	--	LCC	7-15-83
72-108	11-12	LCC	--	LCC	7-15-83
72-109	11-12	LCC	--	LCC	7-15-83
			1983		
72-110	4-8	LCC	--	LCC	11-15
72-111	4-8	LCC	--	(Superseded)	
79-1	4-29	LCC	--	LCC	3-15-84
72-112	7-6	LCC	--	(Superseded)	
73-58	7-11	LCC	--	LCC	5-15-5
72-113	7-21	LCC	--	LCC	11-15
72-114	7-21	LCC	--	LCC	11-15
72-115	7-21	LCC	--	LCC	11-15
71-89	8-16	LCC	--	LCC	3-15-84
72-116	11-1	LCC	--	LCC	3-15-84
			1984		
72-117	1-20	LCC	--	LCC	7-15
72-118	1-20	LCC	--	(Superseded)	
72-119	3-22	LCC	--	LCC	5-15-5
72-120	4-27	LCC	--	LCC	5-15-5
72-121	5-16	LCC	--	LCC	11-15
73-59	10-12	LCC	--	(Deleted)	
73-60	10-12	LCC	--	LCC	11-15-5
72-122	12-17	LCC	--	LCC	11-15-5
72-123	12-17	LCC	--	LCC	11-15-5
			1985		
72-127	4-24	LCC	--	LASC	12-15-92
72-124	5-6	LCC	--	LCC	11-15
72-125	5-6	LCC	--	LCC	11-15
72-126	5-6	LCC	--	LCC	11-15
72-128	7-17	LCC	--	LCC	11-15-6
73-61	8-16	LCC	--	LCC	5-15-6
73-62	8-16	LCC	--	LCC	5-15-6
71-90	9-19	LCC	--	(Superseded)	
72-129	11-16	LCC	--	LCC	5-15-6
71-92	11-22	LCC	--	LCC	5-15-6

RECORD OF ROLLS ROYCE TEMPORARY REVISIONS

Revision		Inserted		Removed	
No.	Dated	By	Date	By	Date
71-91	11-26	LCC	--	LCC	11-15-6
72-130	11-26	LCC	--	LCC	11-15-6
72-131	11-26	LCC	--	LCC	5-15-6
			1986		
71-93	5-16	LCC	--	LCC	11-15
72-132	5-16	LCC	--	LCC	11-15
72-133	5-28	LCC	--	LCC	11-15
72-134	5-28	LCC	--	LCC	5-15-7
73-63	7-4	LCC	--	LCC	11-15
73-64	7-4	LCC	--	LCC	11-15
73-65	7-4	LCC	--	LCC	11-15
72-135	8-8	LCC	--	LCC	5-15-7
72-136	8-8	LCC	--	LCC	5-15-7
71-94	10-20	LCC	--	LCC	5-15-7
79-2	10-20	LCC	--	LCC	5-15-7
			1987		
72-137	2-9	LCC	--	LCC	11-15
71-95	5-16	LCC	--	LCC	5-15-8
79-3	5-16	LCC	--	LCC	11-15
			1988		
71-96	6-24	LCC	--	LCC	11-15
73-66	7-18	LCC	--	LCC	11-15
73-67	7-18	LCC	--	LCC	11-15
72-138	9-5	LCC	--	LCC	5-15-9
72-139	9-5	LCC	--	(Superseded)	
72-140	10-18	LCC	--	LCC	5-15-9
			1989		
71-97	(Not Received)				
71-98	1-27	LCC	--	LCC	11-15
79-4	1-27	LCC	--	LCC	11-15
71-99	6-27	LCC	--	LCC	3-15-91
79-5	6-27	LCC	--	LCC	5-15-90
70-5	7-25	LCC	--	LCC	5-15-90
71-100	8-8	LCC	--	LCC	3-15-91
79-6	8-8	LCC	--	LCC	5-15-90
73-68	10-26	LCC	--	LCC	5-15-90
			1990		
72-141	7-25	LCC	--	LCC	3-15-91

Revision		Inserted		Removed	
No.	Dated	By	Date	By	Date
71-101	(Not Received)				
71-102	8-31	LCC	--	LCC	3-15-91
73-69	(Not Received)			LCC	3-15-91
73-70	8-31	LCC	--	LCC	3-15-91
73-71	(Not Received)			LCC	3-15-91
70-6	10-5	LCC	--	LCC	3-15-91
70-7	12-19	LCC	--	LCC	12-15-91
			1991		
72-142	6-7	LCC	--	LCC	12-15-91
78-46	11-27	LCC	--	LCC	6-15-92
			1992		
78-47	7-24	LASC	--	LASC	12-15-92
78-48	7-24	LASC	--	LASC	12-15-92
78-49	7-24	LASC	--	LASC	12-15-92
78-50	7-24	LASC	--	LASC	12-15-92
			1993		
72-143	2-2	LASC	--	LASC	6-15-93
			1994		
			1995		
72-144	11-7	LMAS	12-15	LMAS	6-15-96

INTRODUCTION

LIST OF EFFECTIVE PAGES

	CHAPTER/ SECTION	PAGE	DATE	CONFIG CODE
	List of Effective Pages	1	Jun 15/96	
		2	Jun 15/96	
	Table of Contents	1/2	Dec 15/94	
R	INTRO	1	Jun 15/96	
R	INTRO	2	Jun 15/96	
	INTRO	3	Dec 15/80	
	INTRO	4	Dec 15/80	
	INTRO	5	Dec 15/80	
	INTRO	6	May 15/74	
	INTRO	7	Dec 15/80	
	INTRO	8	Dec 15/80	
	INTRO	9	Dec 15/80	
	INTRO	10	Aug 15/75	
	INTRO	11	Aug 15/75	
	INTRO	12	Aug 15/75	
	INTRO	13	Mar 15/81	
	INTRO	14	Mar 15/83	
	INTRO	15	Aug 15/81	
	INTRO	16	Mar 15/83	
	INTRO	17	Mar 15/83	
R	INTRO	18	Jun 15/96	
	INTRO	19	Mar 15/83	
	INTRO	20	Mar 15/83	
	INTRO	21	Jun 15/95	
	INTRO	22	Jun 15/95	
	INTRO	23	Mar 15/81	
	INTRO	24	Mar 15/81	
	INTRO	25	Jun 15/95	
	INTRO	26	Mar 15/81	
	INTRO	27	Mar 15/81	
	INTRO	28	Mar 15/84	
	INTRO	29/30	Aug 15/81	
	INTRO	31	Mar 15/81	
	INTRO	32	Mar 15/84	
	INTRO	33	Mar 15/84	
	INTRO	34	Mar 15/81	
	INTRO	35	Mar 15/84	
	INTRO	36	May 15/90	
	INTRO	37	Dec 15/92	
	INTRO	38	Dec 15/92	
	INTRO	39	Dec 15/92	
	INTRO	40	Dec 15/92	
	INTRO	41	Jun 15/95	
R	INTRO	42	Jun 15/96	
R	INTRO	43	Jun 15/96	
	INTRO	44	Dec 15/94	
	INTRO	45	Dec 15/94	
	INTRO	46	Dec 15/94	
	INTRO	47	Dec 15/94	
	INTRO	48	Dec 15/94	
	INTRO	49	Dec 15/94	
	INTRO	50	Jun 15/95	
	INTRO	51	Dec 15/94	
	INTRO	52	Jun 15/95	
	INTRO	53	Dec 15/94	
	INTRO	54	Dec 15/94	
	INTRO	55	Dec 15/94	
	INTRO	56	Dec 15/94	
	INTRO	57	Dec 15/94	
	INTRO	58	Dec 15/94	
	INTRO	59	Dec 15/94	
	INTRO	60	Dec 15/94	
	INTRO	61	Dec 15/94	
	INTRO	62	Dec 15/94	
	INTRO	63	Dec 15/94	
	INTRO	64	Dec 15/94	
	INTRO	65	Dec 15/94	
	INTRO	66	Dec 15/94	
	INTRO	67	Dec 15/94	
	INTRO	68	Dec 15/94	
	INTRO	69	Dec 15/94	
	INTRO	70	Dec 15/95	
	INTRO	71	Dec 15/94	
	INTRO	72	Dec 15/94	
	INTRO	73	Dec 15/94	
	INTRO	74	Dec 15/94	
	INTRO	75	Dec 15/94	
	INTRO	76	Jun 15/95	
	INTRO	77	Jun 15/95	
	INTRO	78	Jun 15/95	

CHAPTER/ SECTION	PAGE	DATE	CONFIG CODE
INTRO	79	Jun 15/95	
INTRO	80	Jun 15/95	
INTRO	81	Dec 15/95	
INTRO	82	Jun 15/95	
INTRO	83	Jun 15/95	
INTRO	84	Jun 15/95	
INTRO	85	Jun 15/95	
INTRO	86	Jun 15/95	
INTRO	87	Jun 15/95	
INTRO	88	Jun 15/95	
INTRO	89	Jun 15/95	
INTRO	90	Dec 15/95	
INTRO	91	Dec 15/95	
INTRO	92	Dec 15/95	
INTRO	93	Dec 15/95	
INTRO	94	Dec 15/95	
INTRO	95	Dec 15/95	
INTRO	96	Dec 15/95	
INTRO	97	Dec 15/95	
INTRO	98	Dec 15/95	
INTRO	99	Dec 15/95	
INTRO	100	Dec 15/95	
INTRO	101	Dec 15/95	
INTRO	102	Dec 15/95	
INTRO	103	Dec 15/95	
INTRO	104	Dec 15/95	
INTRO	105	Dec 15/95	
INTRO	106	Dec 15/95	
INTRO	107	Dec 15/95	
INTRO	108	Jun 15/95	
INTRO	109	Jun 15/95	
INTRO	110	Jun 15/95	
INTRO	111	Jun 15/95	
INTRO	112	Jun 15/95	
INTRO	113	Jun 15/95	
INTRO	114	Jun 15/95	
INTRO	115	Jun 15/95	
INTRO	116	Jun 15/95	
INTRO	117	Jun 15/95	
INTRO	118	Jun 15/95	
INTRO	119	Jun 15/95	
INTRO	120	Jun 15/95	
INTRO	121	Jun 15/95	
INTRO	122	Jun 15/95	
INTRO	123	Jun 15/95	
INTRO	124	Jun 15/95	
INTRO	125	Dec 15/95	
INTRO	126	Jun 15/95	
INTRO	127	Jun 15/95	
INTRO	128	Jun 15/95	
INTRO	129	Jun 15/95	
INTRO	130	Jun 15/96	R
INTRO	131	Jun 15/96	R
INTRO	132	Jun 15/96	R
INTRO	133	Jun 15/96	R
INTRO	134	Jun 15/96	R
INTRO	135	Jun 15/96	R
INTRO	136	Dec 15/95	
INTRO	137	Dec 15/95	
INTRO	138	Dec 15/95	
INTRO	139	Dec 15/95	
INTRO	140	Dec 15/95	
INTRO	141	Dec 15/95	
INTRO	142	Jun 15/96	R
INTRO	143	Dec 15/95	
INTRO	144	Dec 15/95	
INTRO	145	Dec 15/95	
INTRO	146	Dec 15/95	

INTRODUCTION

TABLE OF CONTENTS

Subject	Chapter Section Subject	Page	Effectivity
INTRODUCTION	INTRO		
General		1	ALL
Manual Format		2	ALL
General		2	ALL
Numbering System		2	ALL
Page Number Blocks		2	ALL
Temporary Revision		3	ALL
Effectivity Identification		3	ALL
General		3	ALL
Illustration Pages		3	ALL
Text Pages		7	ALL
CONFIG Codes		7	ALL
List of Chapters		11	ALL
Fault Isolation		13	ALL
General		13	ALL
FIRM Manual		13	ALL
Maintenance Manual - Fault Isolation		18	ALL
In-Service Wear Tolerance		28	ALL
Electronic Logic Circuit		32	ALL
Logic Presentation		33	ALL
Logic Symbols		33	ALL
Revision Marks		35	ALL
Deactivation Procedure List		35	ALL
Aircraft Serials		41	ALL
Service Bulletin Lists		42	ALL

CHAPTER

INTRODUCTION

1. General

R This manual has been prepared by the Publications Development
R and Production Department of Lockheed Martin Aeronautical
R Systems. It contains the information necessary for line or hangar maintenance of L-1011 aircraft.

Information for repair of aircraft structure is contained in the L-1011 Structural Repair Manual.

Overhaul Manuals are available for overhaulable, testable and repairable units. A list of these manuals with their date of issue and latest revision date is contained in the L-1011 Technical Manual Index.

R The Lockheed Martin Aeronautical Systems assumes no responsibility for information added, deleted or revised as the result of a customer initiated change incorporated herein.

All pages in this manual having a Rolls-Royce masthead have been prepared by Rolls-Royce (1971) Limited. These pages are
R provided to Lockheed Martin on magnetic computer tape. These
R tapes are merged with Lockheed Martin data using Electronic Data
R Processing techniques. After merging, the Lockheed Martin system produces all pages.

R On occasion it becomes necessary for Lockheed Martin to assign a different page number to a Rolls-Royce prepared page than that
R assigned by Rolls-Royce. When this occurs the Lockheed Martin system will include the appropriate Rolls-Royce pagination in the upper left hand corner of the affected page. This is done
R to ensure a constant cross reference between this Lockheed
R Martin published manual and the Rolls-Royce prepared pages. An example of the entry at the top of a Rolls-Royce page follows:

R-R Data

Page 601

Mar. 15/77

C A. See "INSPECTION GUIDE" at end of "A/C and Eng. Maintenance
C Forms" films.

C B. See TWA "Publication Discrepancy Report" following last page
C of MO Listing of INTRODUCTION.

C. After a unit or units are changed or after work has been done on a portion of a system, it is not intended that the entire adjustment/test procedure for the complete system should be accomplished. Only the portion or portions of the adjustment/test procedure that are applicable need be accomplished.

2. Manual Format

A. General

The manual has been prepared in accordance with the Air Transport Association (ATA) Specification No. 100.

WARNINGS and CAUTIONS have been placed ahead of the steps to which they apply. NOTES have been placed following the steps to which they apply.

B. Numbering System

The ATA 100 numbering system provides a means for dividing material into Chapter, Section, Subject and Page. The number is composed of three elements, which consist of two digits each. The chapter and separations of the section elements (sub-systems, 10, 20, 30, etc) are assigned by ATA Specification No. 100. Sub-sub-system breakouts within the section are assigned by the manufacturer. Subject/Unit element numbers are assigned by the manufacturer.

C. Page Number Blocks

Page number blocks used in the Maintenance Manual are as follows:

(1) 1-100 Description and Operation

(2) 101-200 Fault Isolation

(3) 201-300 Maintenance Practices

R This page block is used by the Lockheed Martin
R Aeronautical Systems to identify system power application procedures and unit activation/deactivation procedures.

Rolls-Royce uses this page number block to identify combined maintenance practices.

(4) 301-400 Servicing

(5) 401-500 Removal/Installation

(6) 501-600 Adjustment/Test

(7) 601-700 Inspection/Check

(8) 701-800 Cleaning/Painting

(9) 801-900 Approved Repairs

D. Temporary Revisions

Additional information which becomes available at unscheduled intervals will be provided through Temporary Revisions. This service is used to provide, without delay, new information which will assist in maintaining safe and efficient flight/ground operations. The temporary revisions are normally incorporated in the maintenance manual at the next regularly scheduled revision, and then become a permanent part of the manual.

R 3. Effectivity Identification

A. General

This manual has been customized and contains only that information applicable to TWA L-1011 aircraft.

Each page of the manual contains an effectivity block which reflects the aircraft covered by that page.

R When a page has limited effectivity (does not apply to all aircraft in a fleet), a numeric indicator reflecting the airline assigned aircraft number/s (nose number/s) is shown in the effectivity block. This indicator begins with the lowest aircraft number and ends with the highest aircraft number covered by the page. Open ended effectivity (and up) R is indicated by the use of "999" as the last aircraft number RR of a series, i.e., 003-999 indicates aircraft 003 and up. R When the limited effectivity is due to incorporation (or non-incorporation) of a Service Bulletin, the words WITH (or WITHOUT) SBXX-XXX are added to the indicator.

B. Illustration Pages

(1) General

Two methods are used to reflect effectivity of illustrations. These are accomplished as follows:

The new configuration is incorporated into the existing illustration through the use of flag notes to denote effectivity differences.

Separate illustrations are prepared for each configuration with effectivities stated in the effectivity block of the page on which the illustration appears.

The method used for any particular illustration is based on several factors, including complexity of the original illustration as well as complexity of the change being made. In all cases the method chosen is selected from the viewpoint of the user of the manual.

(2) Effectivity Differences Within an Illustration (Ref. Fig. 1).

(a) Serialization is denoted on the face of an illustration through the use of a flag (elongated triangle) touching the affected item, part, wire, etc. Each flag contains a number, which corresponds to the appropriate effectivity note on the illustration.

R R (b) Equipment having a partial effectivity span is shown enclosed in a dotted box that is touched by a serialization flag.

R R R (c) Schematic diagram wires that terminate at or pass through a wire cluster and have a partial effectivity span, are shown dotted and are marked with a serialization flag.

(d) Whenever possible, portions of the illustration are separately detailed. These details are each enclosed in dotted boxes and touched by serialization flags.

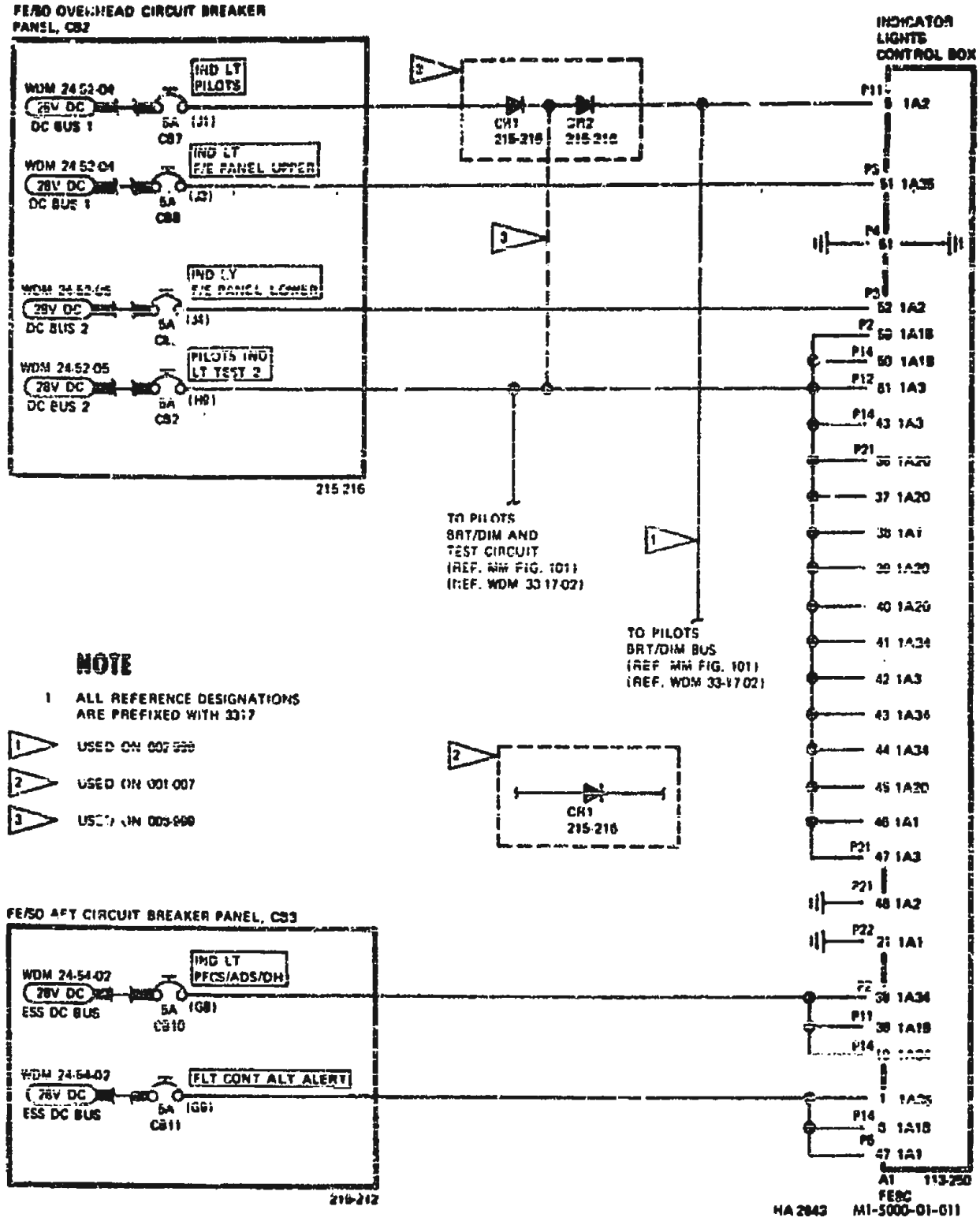
(e) Statements in the effectivity notes are clear and concise. They reflect the aircraft to which the note applies.

EXAMPLE: Used on 001-003.

(f) The effectivity block on the page for the configurations noted in (a) through (e) above will reflect ALL.

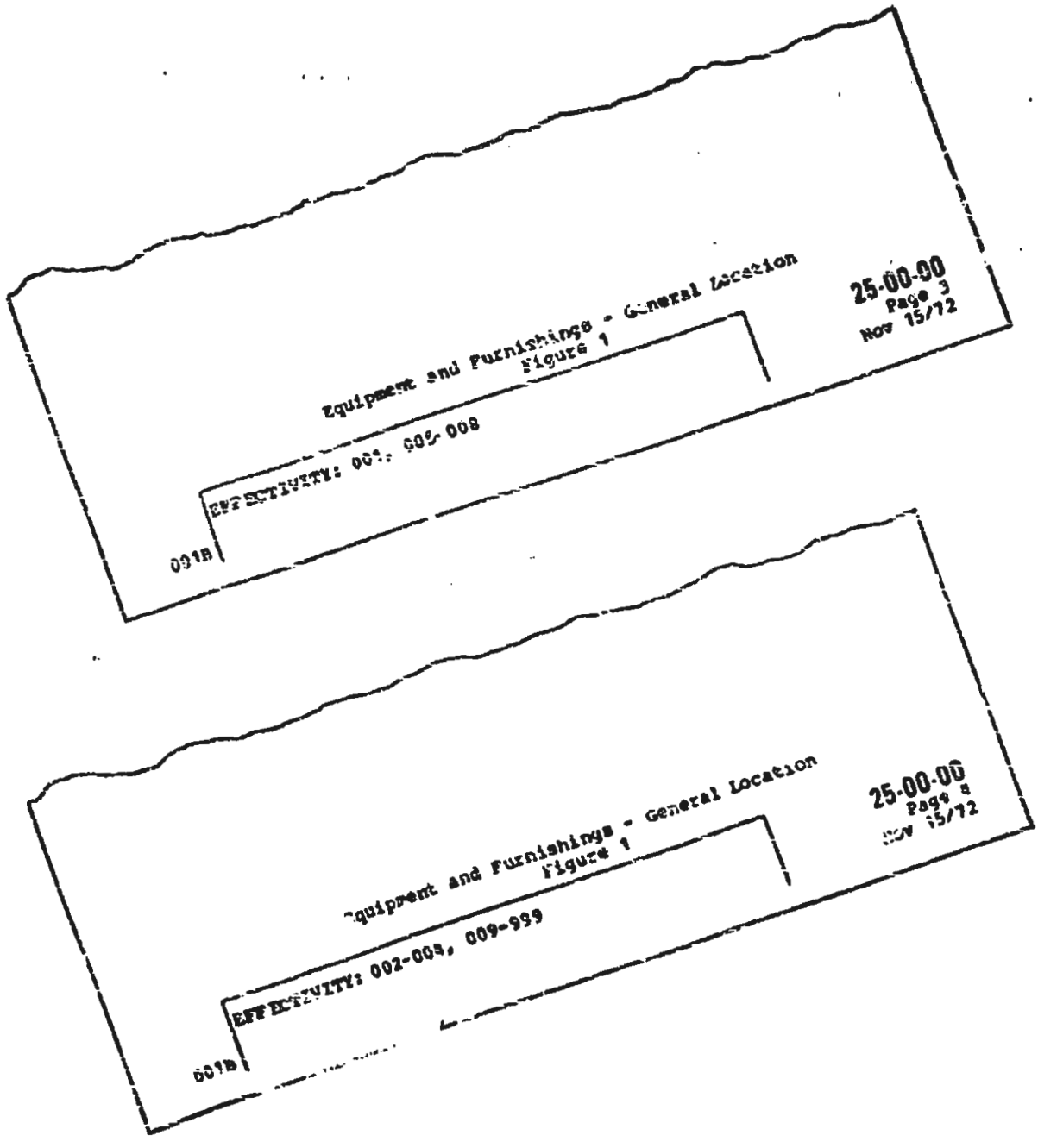
(3) Effectivity Differences on Separate Illustrations (Ref. Fig. 2).

(a) Serialization is reflected in the effectivity block at the bottom of the page containing the illustration.



R R Effectivity Differences Within an Illustration
Figure 1

EFFECTIVITY: ALL



HA 3042
M1-5000-01-016

Effectivity Differences on Separate Illustrations
Figure 2

R
R
001B EFFECTIVITY: ALL

(b) When this method is used the manual will contain two or more illustrations with the same figure number.

C. Text Pages

(1) General

Effectivity differences in text are reflected by the use of an effectivity statement preceding each item/step/paragraph having limited effectivity.

When effectivity differences apply to an entire page block, applicable airplane numbers are shown in the effectivity block, rather than in the text.

(2) Effectivity in Text

Figures 3 and 4 provide examples of manual pages containing effectivity statements.

D. CONFIG Codes

(1) When effectivity differences are extensive and the use of effectivity statements [Ref. Para C. (1)] becomes cumbersome, and distracts from the continuity of the subject matter additional page blocks are included, applicable to groups of aircraft. These page blocks have the applicable airplane numbers shown in the effectivity block. Additionally, when this method is used the pages are further identified with a configuration code immediately following the ATA number. Figure 5 provides examples of this presentation.

(2) Config codes are only used when the manual contains two or more configurations for a fleet of airplanes. Also, they are only used for differences in airplane configuration, not for procedural differences.

LOCKHEED
MAINTENANCE MANUAL

EMERGENCY LIGHTING SYSTEM - DESCRIPTION AND OPERATION

EFFECTIVITY STATEMENT LIMITS APPLICABILITY OF THESE PARAGRAPHS

1. General

On aircraft 001-003,
The emergency lighting system uses 10 emergency power packs to provide power for emergency incandescent lighting in the flight station, passenger compartments, and galley (Ref. Fig. 1 and Fig. 2).

On aircraft 004-999,
The emergency lighting system uses 12 emergency power packs to provide power for emergency incandescent lighting in the flight station, passenger compartments, and galley (Ref. Fig. 1 and Fig. 2).

THESE PARAGRAPHS APPLY TO ALL AIRCRAFT

The system is controlled and monitored by a guarded EMERGENCY LIGHTING switch and an UNARM light on the pilots eyebrow panel in the flight station. In addition, a guarded EMER switch is installed on the forward and aft cabin attendants panels.

2. Operation

In normal operation with the SENSE circuit breaker (CB3, J6) closed and the EMERGENCY LIGHTING switch in the ARM position (Ref. Fig. 3), the dc essential bus is monitored by each of the emergency power packs. Loss of bus power will be sensed by the power pack and battery power will be provided to the emergency lights. The emergency lights can be manually turned on by setting the EMERGENCY LIGHTING switch to ON, or by actuating the EMER switchlight on one of the cabin attendants panels.

EFFECTIVITY STATEMENT LIMITS APPLICABILITY OF THESE PARAGRAPHS

On aircraft 001-003,
The UNARM light on the center instrument panel is powered by the dc standby bus.

On aircraft 004-999,
The UNARM light on the eyebrow panel is powered by the dc standby bus.

THESE PARAGRAPHS APPLY TO ALL AIRCRAFT

When the EMERGENCY LIGHTING switch is in the ON or OFF position, the light circuit is completed to ground.

The power pack charging circuits are powered by the ac essential bus.

EFFECTIVITY: ALL

001B

R
R Effectivity Differences Within Description and Operation Text
Figure 3

EFFECTIVITY: ALL

001B

LOCKHEED
MAINTENANCE MANUAL

(4) Support gearbox and mate gearbox yoke with shaft. Temporarily install U-joint hardward and bolt (Ref. Fig. 401).

THESE PARAGRAPHS APPLY TO ALL AIRCRAFT

(5) Mate gearbox output shaft with splined shaft and align gearbox on mounting pad. Install mounting pad. Install mounting screws.

(6) Torque U-joint bolt to 12-15 lb in.

EFFECTIVITY STATEMENT LIMITS APPLICABILITY OF THESE PARAGRAPHS

NOTE: On aircraft 001-003, U-joint bolt has 1/2 inch internal wrenching head.

On aircraft 004-999, U-joint bolt has standard 7/8 inch hex-head.

(7) On aircraft 001 and 002, Add lubricant to level of fill plug (Ref. 12-23-00).

(7) On aircraft 003-999, Add lubricant to full line on sight gage (Ref. 12-23-00).

(8) Torque fill plug 25 to 50 lb in. and safety.

(9) Release asymmetry brake by pushing in reset knob.

(10) Remove placards installed in Step 3.

(11) Perform Gearbox Check.

C. Gearbox Check

WARNING: VERIFY THE FOLLOWING BEFORE PRESSURIZING ANY HYDRAULIC SYSTEM:

LANDING GEAR DOWNLOCK SAFETY PINS AND DOOR SAFETY DEVICES ARE INSTALLED.

PERSONNEL AND GROUND EQUIPMENT ARE CLEAR OF ALL FLIGHT CONTROL SURFACES AND GEAR DOOR TRAVEL AREAS.

THE AFFECTED HYDRAULIC SYSTEMS CAN ACCEPT HYDRAULIC PRESSURE.

(1) Turn on electrical power (Ref. 26-11-00).

(2) Turn on hydraulic system A and C (Ref. 29-11-00).

(3) Remove flap actuation handle lock.

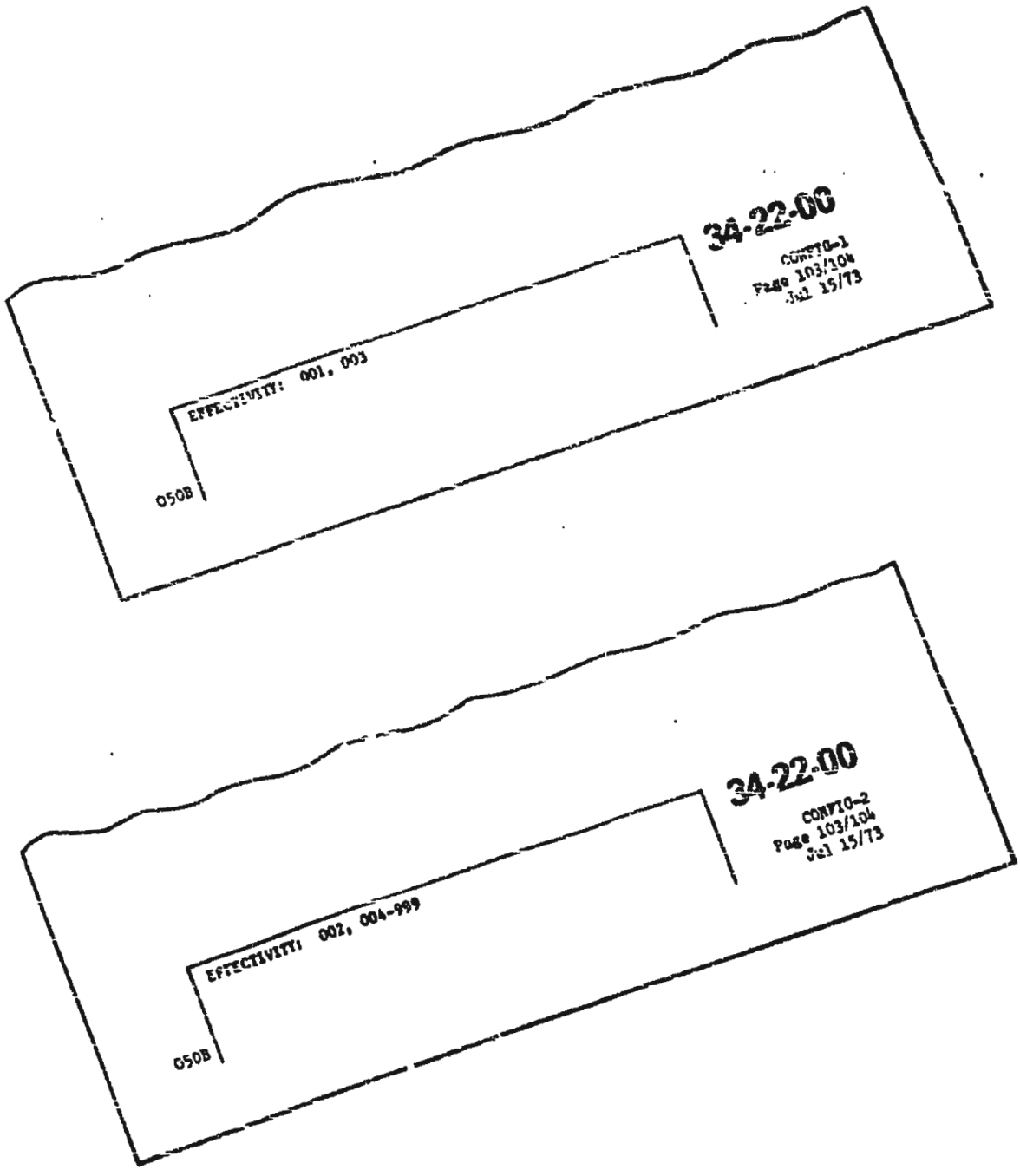
EFFECTIVITY: ALL

001B

R Effectivity Differences Within Maintenance Practices
R Figure 4

EFFECTIVITY: ALL

001B



MI-5001-01-040

Configuration Coding
Figure 5

R
R
0018 EFFECTIVITY: ALL

4. List of Chapters

CHAPT NO.	TITLE
5	Time Limits/Maintenance Checks
6	Dimensions and Areas
7	Lifting and Shoring
8	Leveling and Weighing
9	Towing and Taxiing
10	Parking and Mooring
11	Required Placards
12	Servicing
20	Standard Practices-Airframe
21	Air Conditioning
22	Auto Flight
23	Communications
24	Electrical Power
25	Equipment/Furnishings
26	Fire Protection
27	Flight Controls
28	Fuel
29	Hydraulic Power
30	Ice and Rain Protection
31	Instruments
32	Landing Gear
33	Lights
34	Navigation

CHAPT NO.	TITLE
35	Oxygen
36	Pneumatic
38	Water/Waste
49	Airborne Auxiliary Power
51	Structures
52	Doors
53	Fuselage
54	Nacelles/Pylons
55	Stabilizers
56	Windows
57	Wings
70	Standard Practices-Engine
71	Power Plant
72	Engine
73	Engine Fuel and Control
74	Ignition
75	Air
76	Engine Controls
77	Engine Indicating
78	Exhaust
79	Oil
80	Starting
91	Charts

R 5. Fault Isolation

R A. General

R The L-1011 fault isolation system consists of the Fault
R Isolation Reporting Method (FIRM) Manual and Maintenance
R Manual Fault Code Index and associated fault isolation
R sections.

R B. FIRM Manual

R The purpose of the FIRM is to improve dispatch reliability
R by providing communications between airborne flight crews
R and maintenance personnel. FIRM Fault Code diagrams do not
R duplicate, supplement, or supersede aircraft Operating
R Manual procedures. FIRM is referred to after the
R requirements in these procedures are satisfied.

R FIRM is a fault symptom reporting device whereby the
R maintenance technician is effectively placed in the flight
R station for maximum efficiency in analyzing the fault,
R manpower planning, and parts procurement. This is
R accomplished by using the FIRM Fault Code diagrams, tracing
R the exact fault symptom path, and arriving at a Fault Code
R representative of the fault encountered. The Fault Code and
R the accompanying Log Book Report are entered in the aircraft
R log book along with supplementary information that will aid
R in isolating the faulted component. When the situation
R permits, the Fault Code is radioed to maintenance for
R maximum time advantage in preparing for the incoming
R aircraft.

R The FIRM Manual is divided into sections using the same
R divider tabs as the aircraft Operating Manual. Each section
R contains a text Table of Contents, pictorial Table of
R Contents, FIRM Fault Code diagrams, and accompanying Log
R Book Reports. FIRM Fault Code diagrams are also included in
R the front of each Maintenance Manual chapter and each
R section of the optional Fault Isolation Manual (FIM).

R Autopilot FIRM is divided into nine sections due to system
R complexity. The sections are tabbed by subject for easy
R access. A text Table of Contents and a pictorial Table of
R Contents in each section precede the FIRM Fault Code
R diagrams and accompanying Log Book Reports to assist the
R flight crew in selecting the correct FIRM diagram with
R minimum lost time.

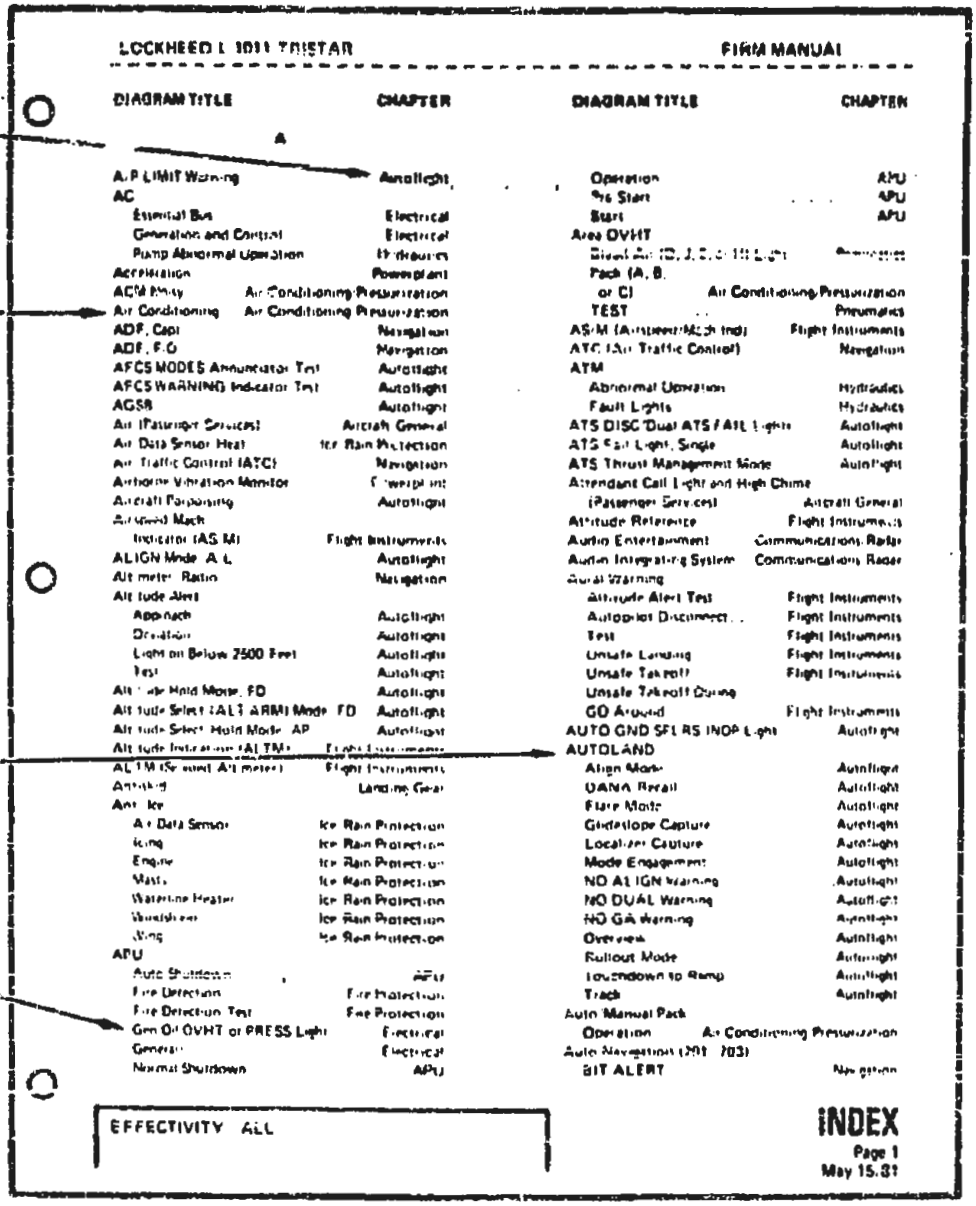
R The flight crew refers to the FIRM Manual after performing
R the aircraft Operating Manual Abnormal Procedures. An
R alphabetical index (Ref. Fig. 6) in front of the manual is
R the initial entry point. This will specify the section

CHAP designation refers to chapter title on FIRM chapter divider tab.

Titles are listed alphabetically for relating faults to a specific chapter.

Major systems are subdivided to identify the fault by component or function within the same chapter.

Systems are subdivided to identify faults by component or function in different chapters.



LOCKHEED L 1011 TRISTAR — FIRM MANUAL

DIAGRAM TITLE	CHAPTER
A	
A/P LIMIT Warning	Autoflight
AC	
Essential Bus	Electrical
Generation and Control	Electrical
Pump Abnormal Operation	Hydraulics
Acceleration	Powerplant
ACM Relay	Air Conditioning/Pressurization
Air Conditioning	Air Conditioning/Pressurization
ADF, Capt	Navigation
ADF, F/O	Navigation
AFCS MODES Annunciator Test	Autoflight
AFCS WARNING Indicator Test	Autoflight
AGSR	Autoflight
Air (Passenger Services)	Aircraft General
Air Data Sensor Heat	Ice Rain Protection
Air Traffic Control (ATC)	Navigation
Airborne Vibration Monitor	Powerplant
Aircraft Personality	Autoflight
Airspeed Mach	
Indicator (ASMI)	Flight Instruments
ALIGN Mode A/L	Autoflight
Altimeter Radio	Navigation
Altitude Alert	
Approach	Autoflight
Operation	Autoflight
Light on Below 2500 Feet	Autoflight
Test	Autoflight
Altitude Hold Mode, FD	Autoflight
Altitude Select (ALT ARM) Mode, FD	Autoflight
Altitude Select Hold Mode, AP	Autoflight
Altitude Intervention (ALTM)	Flight Instruments
ALTM (Servoed Altimeter)	Flight Instruments
Annunciator	Landing Gear
Anti-Ice	
Air Data Sensor	Ice Rain Protection
Icing	Ice Rain Protection
Engine	Ice Rain Protection
Mast	Ice Rain Protection
Waterline Heater	Ice Rain Protection
Windshield	Ice Rain Protection
Wing	Ice Rain Protection
APU	
Auto Shutdown	APU
Fire Detection	Fire Protection
Fire Detection Test	Fire Protection
Gen Oil OVHT or PRESS Light	Electrical
General	Electrical
Normal Shutdown	APU
Operation	APU
Pre Start	APU
Start	APU
Area OVHT	
Bleed Air (B, J, E, C, H) Light	Pneumatics
Pack (A, B, or C)	Air Conditioning/Pressurization
TEST	Pneumatics
ASM (Airspeed/Mach Ind)	Flight Instruments
ATC (Air Traffic Control)	Navigation
ATM	
Abnormal Operation	Hydraulics
Fault Lights	Hydraulics
ATS DISC Dual ATS FAIL Lights	Autoflight
ATS Fail Light, Single	Autoflight
ATS Thrust Management Mode	Autoflight
Attendant Call Light and High Chime	
(Passenger Services)	Aircraft General
Attitude Reference	Flight Instruments
Audio Entertainment	Communications/Radio
Audio Integrating System	Communications/Radio
Aural Warning	
Attitude Alert Test	Flight Instruments
Autopilot Disconnect	Flight Instruments
Test	Flight Instruments
Unsafe Landing	Flight Instruments
Unsafe Takeoff	Flight Instruments
Unsafe Takeoff During	
GO Around	Flight Instruments
AUTO GND SPLRS INOP Light	Autoflight
AUTOLAND	
Align Mode	Autoflight
DANA Recall	Autoflight
Flare Mode	Autoflight
Glideslope Capture	Autoflight
Localizer Capture	Autoflight
Mode Engagement	Autoflight
NO AUTOLAND Warning	Autoflight
NO DUAL Warning	Autoflight
NO GA Warning	Autoflight
Overview	Autoflight
Rollout Mode	Autoflight
Touchdown to Ramp	Autoflight
Track	Autoflight
Auto Manual Pack	
Operation	Air Conditioning/Pressurization
Auto Navigation (201, 203)	
BIT ALERT	Navigation

EFFECTIVITY ALL

INDEX
Page 1
May 15/81

EDI—0002—22—100

R Example - Index of FIRM Fault Code Diagrams
R Figure 6

within the FIRM Manual that contains the Fault Code diagrams and associated Log Book Reports for the encountered fault. Referring to the selected section, the correct FIRM Fault Code diagram is easily located using text and/or pictorial Table of Contents (Ref. Fig. 7 and 8).

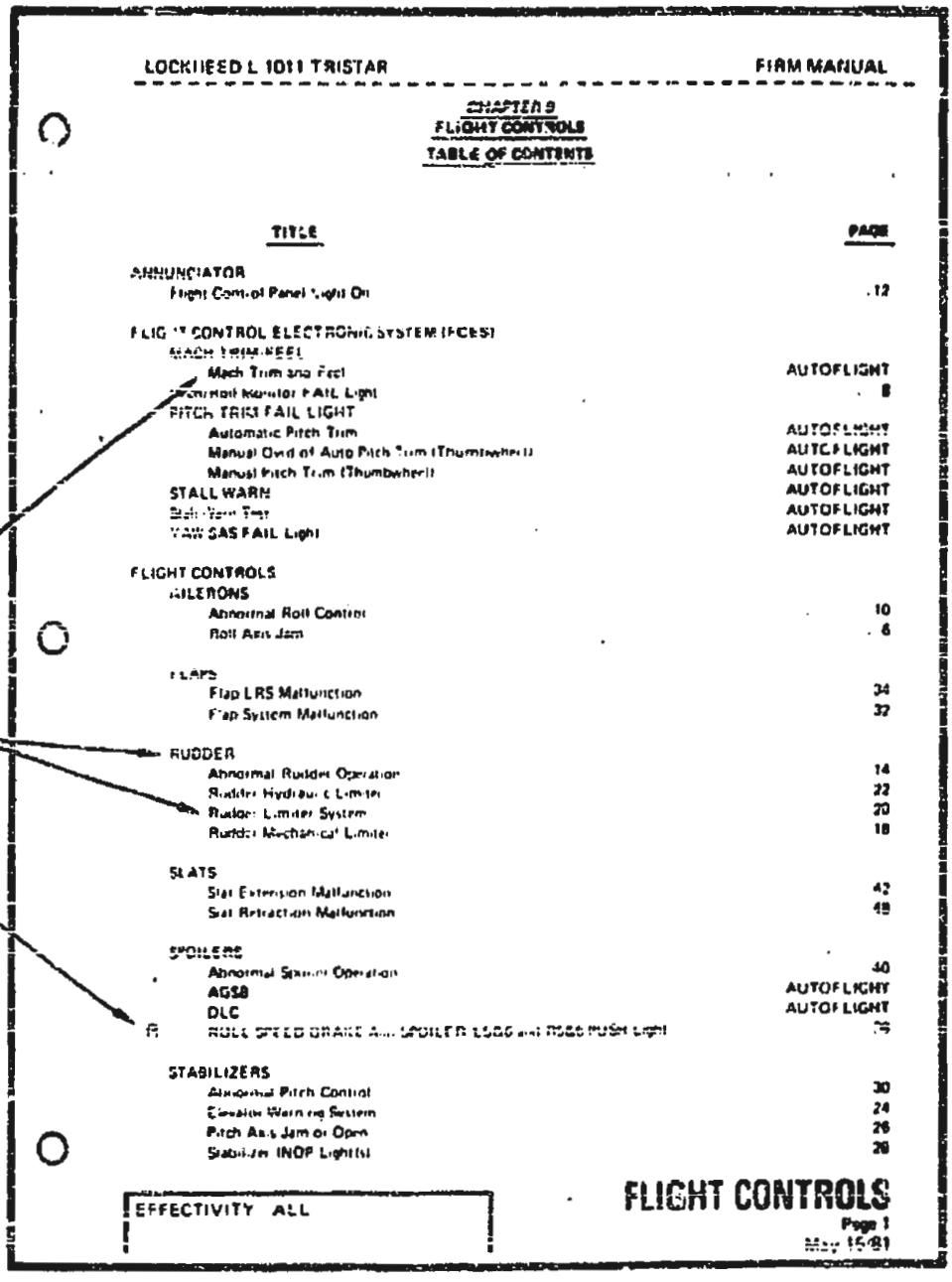
R An arrow in the upper left margin of the FIRM Fault Code
R diagram (Ref. Fig. 9) is the standard entry point. The first horizontal path to the right of the entry point should reflect an operational system. This path will continue to the Fault Code column on the extreme right and terminate with the word NORMAL. All other lines are fault symptom paths that terminate in a specific Fault Code.

All Line Replaceable Units (LRU) produce particular fault symptoms. FIRM Fault Code diagrams identify these symptoms through questions (diamonds) in the fault symptom paths. Typical questions asked are inquiries about switch position (in or out) and light status (on or off). In addition to visual symptoms, consideration is given to aural warnings, odors, sounds, and changes in aircraft attitude or flight characteristics. This supplementary information assists maintenance in differentiating between system LRUs that can cause similar symptoms.

A rectangle in the symptom path contains a positive statement or condition relative to the panel, component, or question/statement appearing at the top of the column. Rectangles are used extensively to state the condition of switches, for example, TEST switch pressed or released status.

Fault symptom paths terminate at the extreme right hand arrows which point to Fault Codes representing all of the fault symptoms selected along the path from the entry point. Each Fault Code consists of six (6) major numbers, for example, 21 60 47. The 21 is the ATA number assigned to Air Conditioning, 60 for the subsystem Temperature Control, and 47 is the code number within the 21 60 series (0 to 99).

The seventh and eighth positions of a Fault Code can be a double underscore (__) or double zero (00). Referring to the FAULT CODE/LOCATION columns, the double underscore is used where there is more than one identical component to consider. An example is the three air conditioning packs where 01 is assigned to Pack 1, 02 to Pack 2, and 03 for Pack 3. This type of designation is applicable to engines, dual navigation instruments, etc. The double zero (00) is permanently assigned to Fault Codes that pertain to a one-only system, subsystem, or component and to faults within and encompassing several identical systems, for example, Fault Code 21 00 08 00 and its Log Book Report "ALL



LOCKHEED L 1011 TRISTAR — FIRM MANUAL

CHAPTER 9
FLIGHT CONTROLS
TABLE OF CONTENTS

TITLE	PAGE
ANNUNCIATOR	
Flight Control Panel Light On	12
FLIGHT CONTROL ELECTRONIC SYSTEM (FCES)	
MACH TRIM FEEL	
Mach Trim and Feel	AUTOFLIGHT
Control Monitor FAIL Light	8
PITCH TRIM FAIL LIGHT	
Automatic Pitch Trim	AUTOFLIGHT
Manual Override of Auto Pitch Trim (Thumbwheel)	AUTOFLIGHT
Manual Pitch Trim (Thumbwheel)	AUTOFLIGHT
STALL WARN	AUTOFLIGHT
Stall Vane Test	AUTOFLIGHT
YAW SAS FAIL Light	AUTOFLIGHT
FLIGHT CONTROLS	
AILERONS	
Abnormal Roll Control	10
Roll Axis Jam	6
FLAPS	
Flap LRS Malfunction	34
Flap System Malfunction	32
RUDDER	
Abnormal Rudder Operation	14
Rudder Hydraulic Limiter	22
Rudder Limiter System	20
Rudder Mechanical Limiter	18
SLATS	
Slat Extension Malfunction	42
Slat Retraction Malfunction	48
SPOILERS	
Abnormal Spoiler Operation	40
AGSB	AUTOFLIGHT
DLC	AUTOFLIGHT
R ROLL SPEED BRAKE A... SPOILER LOSS and ROLL PUSH Light	76
STABILIZERS	
Abnormal Pitch Control	30
Elevator Warning System	24
Pitch Axis Jam or Open	26
Stabilizer INOP Light(s)	28

EFFECTIVITY ALL

FLIGHT CONTROLS
Page 1
May 15/81

Diagrams related to a FIRM chapter (in this case Flight Controls) are listed and chapter title given in lieu of page number.

Each chapter is divided into system or subsystem for easy access.

A revision "R" indicates that this page is new, has been revised, or has had a title or pagination change.

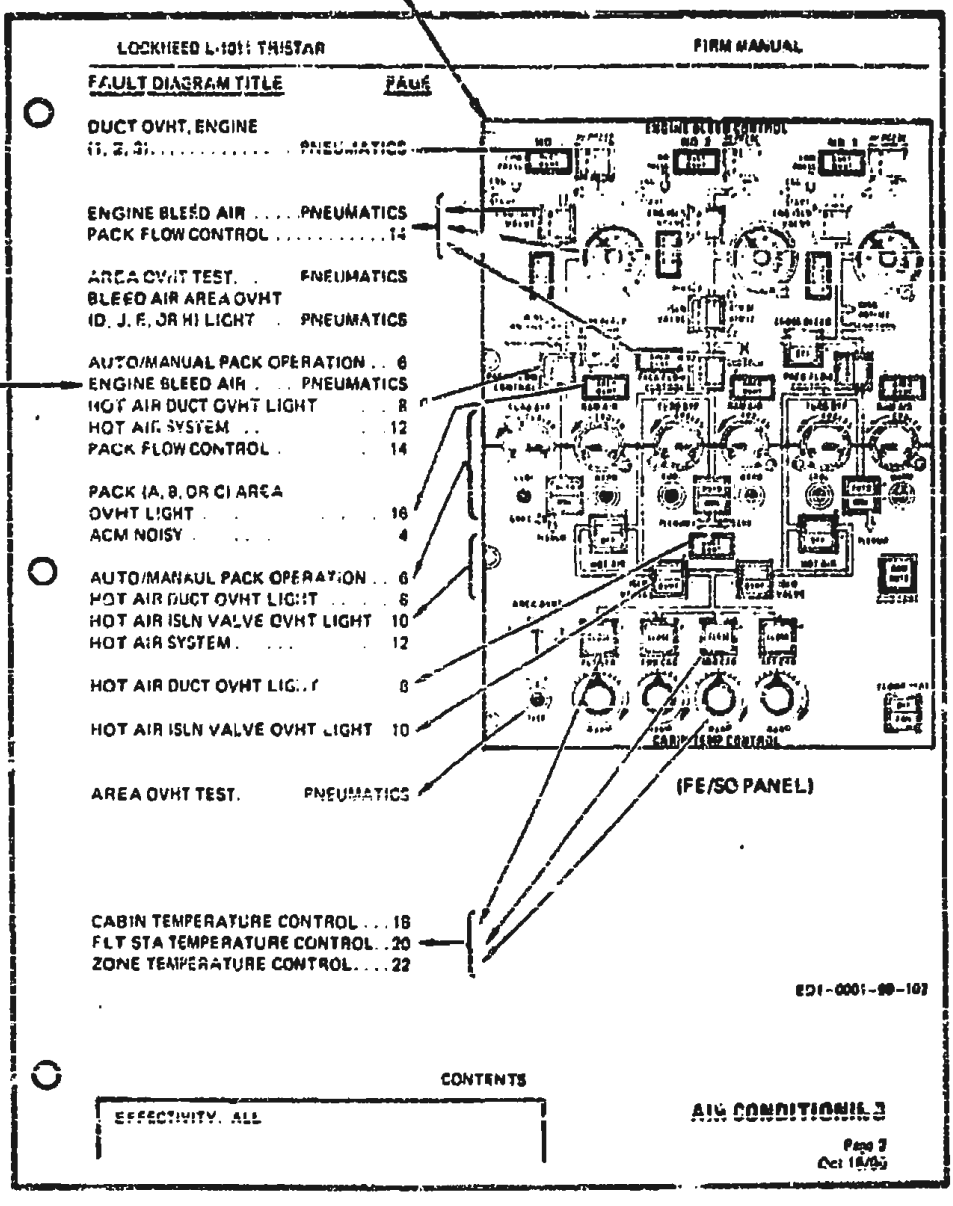
ED1-0002-99-101

R
R

Example - FIRM Text Table of Contents
Figure 7

Panel illustrations are used as a pictorial Table of Contents. Refer to them when a Fault Code diagram cannot be located by title in text Table of Contents. Select the abnormal or unusual indication and follow arrow to a Fault Code diagram on page specified.

Fault Code diagrams in other sections of Manual are listed by section title only.


LOCKHEED L-1011 TRISTAR
FIRM MANUAL
FAULT DIAGRAM TITLE
FAULT
DUCT OVHT, ENGINE (1, 2, 3) PNEUMATICS
ENGINE BLEED AIR PNEUMATICS
PACK FLOW CONTROL 14
AREA OVHT TEST. PNEUMATICS
BLEED AIR AREA OVHT (D, J, E, OR H) LIGHT PNEUMATICS
AUTO/MANUAL PACK OPERATION 6
ENGINE BLEED AIR PNEUMATICS
HOT AIR DUCT OVHT LIGHT 8
HOT AIR SYSTEM 12
PACK FLOW CONTROL 14
PACK (A, B, OR C) AREA OVHT LIGHT 16
ACM NOISY 4
AUTO/MANUAL PACK OPERATION 6
HOT AIR DUCT OVHT LIGHT 8
HOT AIR ISLN VALVE OVHT LIGHT 10
HOT AIR SYSTEM 12
HOT AIR DUCT OVHT LIGHT 8
HOT AIR ISLN VALVE OVHT LIGHT 10
AREA OVHT TEST. PNEUMATICS
CABIN TEMPERATURE CONTROL 18
FLT STA TEMPERATURE CONTROL 20
ZONE TEMPERATURE CONTROL 22
(FE/SO PANEL)
CONTENTS
EFFECTIVITY: ALL
AIR CONDITIONING

EDI-0002-99-102

R Example - FIRM Pictorial Table of Contents
R Figure 8

cabin zone temperatures low". An example of the Log Book Reports is shown in Figure 10.

A different "X" Fault Code is assigned to each FIRM Fault Code diagram and is used exclusively for reporting a Fault that is not exactly described on the diagram. This holds true for multiple sheet FIRM Fault Code diagrams where sheet 1 would have 21 60 XA and sheet 2 raised one letter to 21 60 XB. Previous text explaining the use of double underscore and double zeros is applicable to "X" Fault Codes.

Although "X" codes do not cover a specific problem, their value is two-fold. The Fault Code 30 41 XA 01, for example, will alert Maintenance that the aircraft is inbound with a windshield heat problem on the Captain's side. This information will enable Maintenance to prepare ahead of time by accumulating data, scheduling manpower, and checking availability of components that may be required based on personal experience and/or a known trend for that particular aircraft. Secondly, the "X" code informs cognizant airline personnel that a problem exists which should be investigated for possible addition to the FIRM Manual. Standard procedure would be to extract the "X" code fault description from the aircraft log book and process this information on a
R Publications Change Request (PCR) form back to Lockheed
R Martin. The new data will be evaluated and, if approved, will be incorporated in the FIRM Manual and Maintenance Manual Fault Code Index during normal revision service.

Log Book Reports on the page adjacent to the Fault Code diagram provide a "canned" text description for each Fault Code appearing on the diagram. The flight crew will enter the entire eight-digit Fault Code and associated Log Book Report in the aircraft log book. Other observations may be added at the end of the Log Book Report that may assist Maintenance in the fault isolation process. The entire numerical or "X" type eight-digit Fault Code should be radioed to the next on-line Maintenance facility or other organization as dictated by airline policy.

C. Maintenance Manual - Fault Isolation

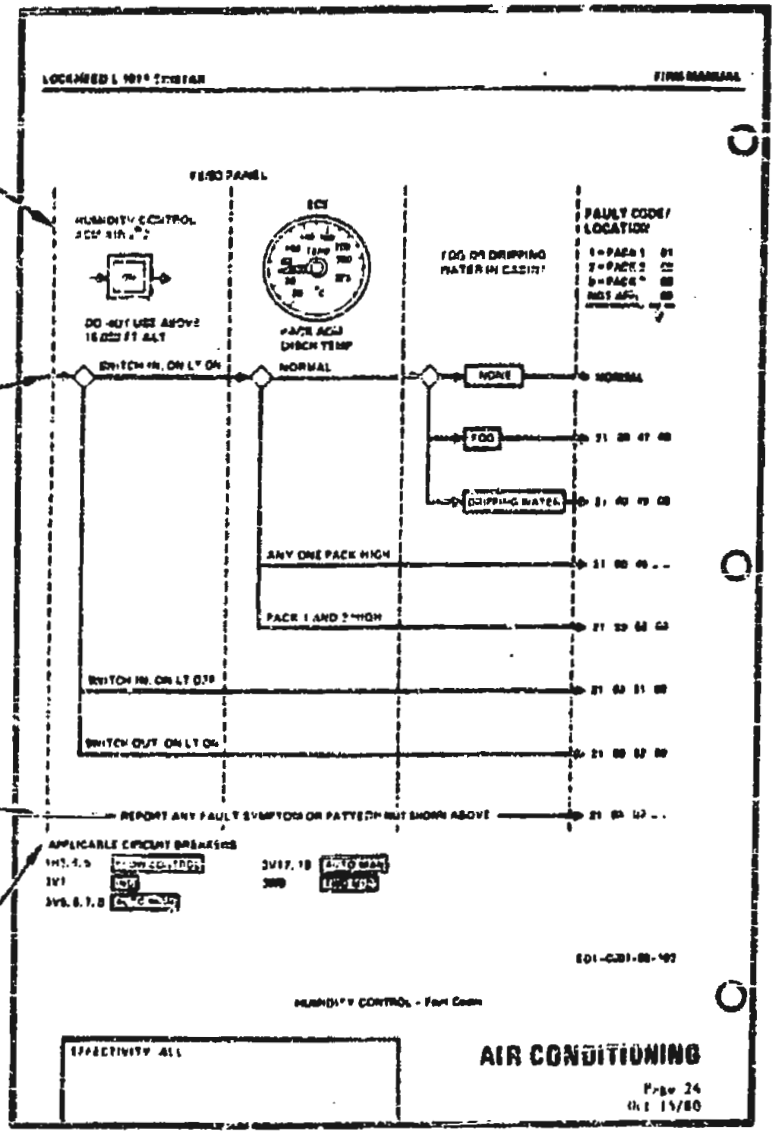
TriStar operators have the option of receiving the fault isolation sections as an integral part of the Maintenance Manual, issued as a separate Fault Isolation Manual (FIM), or both. The organization of each manual is designed to provide complete independence from one another for fault isolation; i.e., if the TriStar operator has opted to receive the fault isolation sections in a separate manual (FIM Manual), the technician is only required to refer to this one manual to form a fault isolation job package.

This area is reserved for illustrating panels, sub-panels, components, and questions required to arrive at a Fault Code that exactly represents the encountered problem.

Standard entry point for a FIRM Fault Code diagram. Diamonds represent questions relating to the panel, sub-panel, or component at the top of the column in which it appears. Conditions of the panel, sub-panel or component are also included in the column. Rectangles are utilized for positive statements.

"X" Faults are utilized when a FIRM Fault Code diagram for the faulted system/subsystem is available but does not reflect exact symptoms of the encountered fault. The "X" Code is entered in the aircraft log book with a description of the fault. This information is routed through channels and is considered for inclusion in the FIRM Manual.

Only those circuit breakers peculiar to the function shown on the diagram are listed

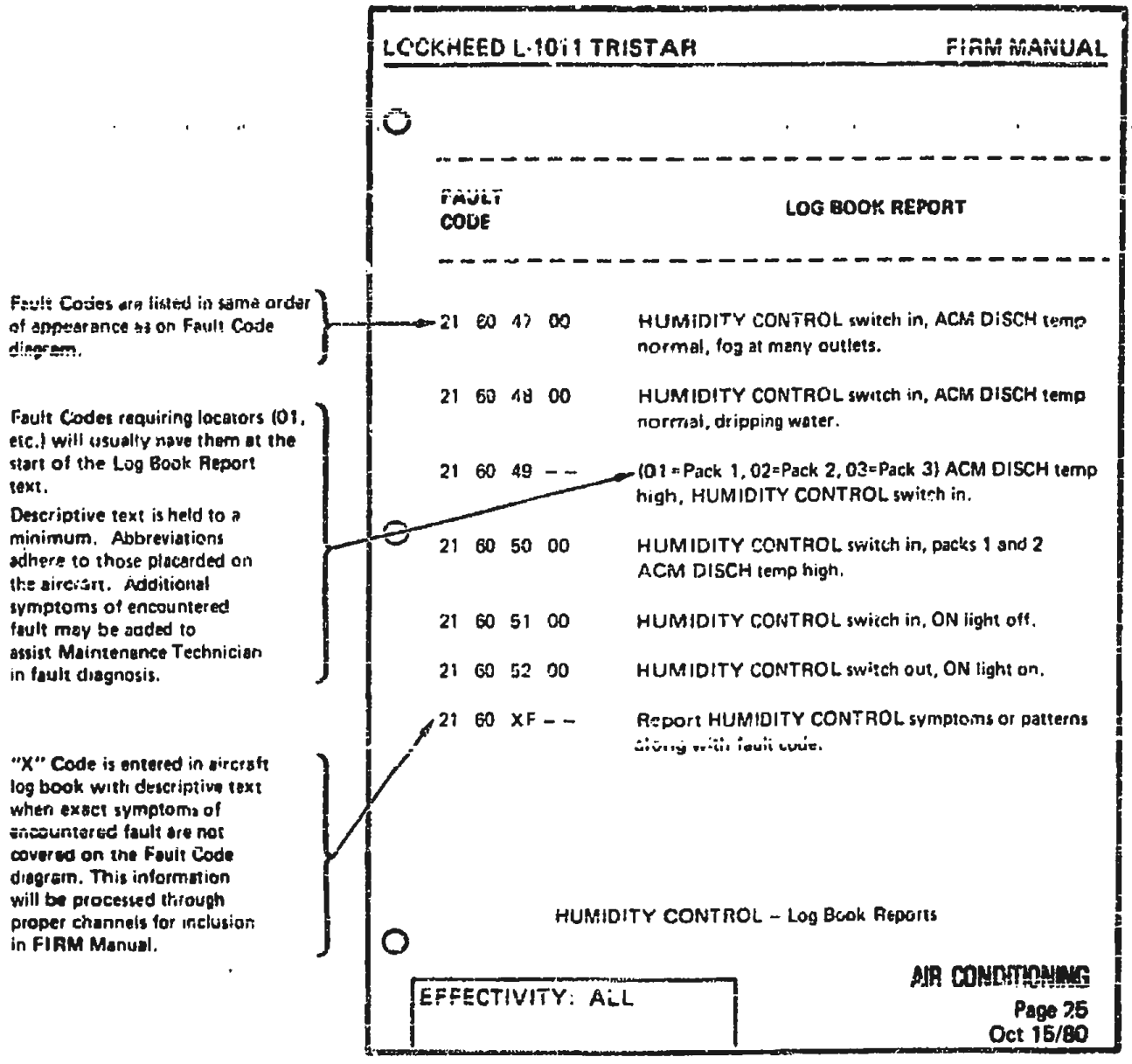


EDI-0002-99-103

R Example - FIRM Fault Code Diagram
R Figure 9

EFFECTIVITY: ALL

0018


LOCKHEED L-1011 TRISTAR
FIRM MANUAL
FAULT CODE
LOG BOOK REPORT
21 60 47 00
HUMIDITY CONTROL switch in, ACM DISCH temp normal, fog at many outlets.
21 60 48 00
HUMIDITY CONTROL switch in, ACM DISCH temp normal, dripping water.
21 60 49 – –
(01=Pack 1, 02=Pack 2, 03=Pack 3) ACM DISCH temp high, HUMIDITY CONTROL switch in.
21 60 50 00
HUMIDITY CONTROL switch in, packs 1 and 2 ACM DISCH temp high.
21 60 51 00
HUMIDITY CONTROL switch in, ON light off.
21 60 52 00
HUMIDITY CONTROL switch out, ON light on.
21 60 XF – –
Report HUMIDITY CONTROL symptoms or patterns along with fault code.
Fault Codes are listed in same order of appearance as on Fault Code diagram.
Fault Codes requiring locators (01, etc.) will usually have them at the start of the Log Book Report text.
Descriptive text is held to a minimum. Abbreviations adhere to those placarded on the aircraft. Additional symptoms of encountered fault may be added to assist Maintenance Technician in fault diagnosis.
"X" Code is entered in aircraft log book with descriptive text when exact symptoms of encountered fault are not covered on the Fault Code diagram. This information will be processed through proper channels for inclusion in FIRM Manual.
HUMIDITY CONTROL – Log Book Reports
EFFECTIVITY: ALL
AIR CONDITIONING
Page 25
Oct 15/80

E(D1-0002-00-104

R Example - FIRM Log Book Reports
R Figure 10

The Maintenance office or other responsible organization will process the received Fault Code down to the shop level. A job package may be formed at this time using the fault isolation information available in the front of the Maintenance Manual or FIM Manual. The information consists of:

Chapter Table of Contents (Entire Maintenance Manual Chapter)

Fault Isolation Table of Contents (Maintenance Manual and FIM Manual)

Chapter Pictorial Table of Contents (Maintenance Manual and FIM Manual)

FIRM Fault Code Illustrations (Maintenance Manual and FIM Manual)

Fault Code Index (Maintenance Manual and FIM Manual)

The entry point into the Maintenance Manual or FIM Manual to initiate fault isolation can be any of the above items depending on system experience and familiarity with the
R manual organization. Each fault isolation section (101 page
R block) contains a Component Location Index (table), Component Locator Diagram (pictorial), fault isolation block diagrams, and schematics (SCHEM). This is also typical of the FIM Manual organization.

The Maintenance Manual and FIM Manual Table of Contents and Pictorial Table of Contents are self-explanatory. Subsequent paragraphs outline the use of the FIRM illustrations and Fault Code Index and the fault isolation aids available in each fault isolation section (101 page block).

(1) FIRM Illustrations (ATA Chapter)

All FIRM illustrations appearing in the FIRM Manual are now repeated in the front of the respective Maintenance Manual and FIM Manual chapters. The illustrations serve two purposes: The technician can clarify a Fault Code Log Book Report by tracing the actual fault as reported by the flight crew, and it can be an aid in deriving a Fault Code and associated fault isolation reference for a malfunction occurring on the ground.

(2) Fault Code Index (ATA Chapter)

The Index (Ref. Fig. 11) will probably be the fault isolation starting point for experienced technicians.

It is located in the front of each Maintenance Manual and FIM Manual chapter and contains a listing of each Fault Code appearing in the FIRM Manual including "X" codes, the identically worded Log Book Report for each Fault Code, and fault isolation reference(s). Reference to a fault isolation starting point within the 101 page block section can be found in either the Maintenance Manual and/or FIM. A reference made to any page block other than 101, i.e., 501, will only be found in the Maintenance Manual. Any change occurring in the FIRM Manual in the form of adding new material or revising/deleting existing material is automatically reflected in the Fault Code Index.

Fault Codes are listed first by "X" codes in ATA numerical ascending order and then by alpha assignments. For example, 30 13 XA 00, 30 13 XB 00, 30 23 XA 00, and so on. The numerical Fault Codes start in ascending ATA order after the last "X" code entry. If there is a break in the numerical Fault Code sequence, the Fault Code number(s) will be listed along with the entry "Not used."

Fault Codes will be received with the seventh and eighth digits reflecting a locator shown as a double zero (00) or 01, 02, 03, etc. For example, 30 41 02 00 is associated with a Windshield Heat Fault where all FAULT lights remained out when TEST switch was pressed. In this case, the locator Capt=01 or F/O=02 is not required, therefore, the code is permanently assigned the double zero. Fault Code 30 41 01 __ requires that 01 or 02 be added by the flight crew to further pinpoint the malfunction to the Capt (01) or F/O (02) FAULT light. This requirement of adding the locator is standard throughout the system and appears on the FIRM illustration and in the Log Book Report text.

Adjacent to each active Fault Code in the Index is the Log Book Report text exactly as it appears in the FIRM Manual. This text describes the encountered fault as the flight crew traced it on the FIRM Manual Fault Code illustration and eventually terminated in a specific Fault Code.

Fault Codes should only be used one time and not used again for a one year period after cancellation.

The fault isolation reference for each Fault Code appears under the Log Book Report. This reference generally consists of an ATA section number, the fault isolation block diagram figure number, and the

ICE & RAIN INDEX

Fault Code Index

Table 1

FAULT CODE	1. LOG BOOK REPORT 2. FAULT ISOLATION REFERENCE
30 13 XX --	1. A wing anti-ice OVHT fault was encountered by the crew which is not covered in the fault code diagram. (Ref: Fault Code diagram for flight crew actions.) 2. 30-13-00 Figure 103 Block 1.
30 21 XX --	1. An engine anti-ice HI PR fault was encountered by the crew which is not covered in the fault code diagram. (Ref. Fault Code diagram for flight crew actions.) 2. 30-21-00 Figure 103 Block 1.
30 31 XX --	1. An Air Data Sensor Heat fault was encountered by the crew which is not covered in the fault code diagram. (Ref. Fault Code diagram for flight crew actions.) 2. 30-31-00 Figure 103 Block 1 30-31-00 Figure 104 Block 1 30-31-00 Figure 105 Block 1 30-31-00 Figure 106 Block 1 30-31-00 Figure 107 Block 1
30 13 01 -	1. (01=Left, 02=Right) Wing anti-ice OVHT light on with switch in AUTO. 2. 30-13-00 Figure 103 Block 5.
30 13 02 --	1. (01=Left, 02=Right) Wing anti-ice OPEN light does not come on in AUTO. 2. 30-13-00, Figure 103 Block 9.
30 13 03 --	1. (01=Left, 02=Right) Wing anti-ice OPEN light does not come on in AUTO. Light comes on in TEST mode. 2. 30-13-00 Fig. 103 Block 9.
30 13 04 --	1. (01=Left, 02=Right) Wing anti-ice OPEN light does not come on in AUTO; OK in MANUAL. 2. 30-13-00 Fig. 103 Block 17.

EFFECTIVITY: ALL

30-FAULT CODE INDEX

Page 1
Mar 15/80

E91-0001-01-074

Example - Fault Code Index
Figure 11

R
R

EFFECTIVITY: ALL

0018

COMPONENT	QTY	AREA/ACCESS	REFERENCE
BOX – INDICATOR LIGHTS CONTROL: ILCB CARD (A18	1	FESC, RT SIDE/312AB	33-17-04
CIRCUIT BREAKERS:			
AIR DATA – HEAT – SENSOR (3031-CB8)	1	FLT STA/CB3 (H6)	*
ANTI-ICE – LEFT – ALPHA – HEAT (3031-CB7)	1	FLT STA/CB2 (E12)	*
ANTI-ICE – PITOT HEAT – F/O – SEC (3031-CB3)	1	FLT STA/CB3 (E18)	*
ANTI-ICE – PITOT HEAT – F/O – PRIM (3031-CB4)	1	FLT STA/CB2 (E17)	*
ANTI-ICE – PITOT HEAT – CAPT – SEC (3031-CB2)	1	FLT STA/CB2 (E16)	*
ANTI-ICE – TOTAL TEMP – L (3031-CB5)	1	FLT STA/CB2 (E15)	*
ANTI-ICE – TOTAL TEMP – R (3031-CB6)	1	FLT STA/CB2 (E20)	*
ANTI-ICE – RIGHT – ALPHA – HEAT (3021-CB8)	1	FLT STA/CB2 (E22)	*
CAPT – PRI PITOT – HEAT (3031-CB1)	1	FLT STA/CB3 (H14)	*
FCES – L – ADA (2200-CB2)	1	FLT STA/C91 (B5)	*
IND LT – PFCS – ADS/OH (3031-CB10)	1	FLT STA/CB2 (G5)	*
PILOTS IND – LT TEST – 2 (3317-CB2)	1	FLT STA/CB2 (H9)	*
R – ADA (2200-CB4)	1	FLT STA/CB2 (F1)	*
DETECTOR – ICE	1	LOWER LEFT NOSE SECTION	30-61-01
PANEL – AIR DATA SENSOR HEAT CONTROL	1	FLT STA, PILOTS OVHD PNL/P5	30-31-05
RELAY – PILOTS TEST NO. 2 (3317-K2)	1	FESC, RT SIDE, FS 256-266/112AB	*
SENSOR – ANGLE OF ATTACK	2	NOSE SECTION, EXTERIOR	22-21-10
SENSOR – TOTAL AIR TEMPERATURE	2	NOSE SECTION, EXTERIOR	34-14-05
TIMER – S/O NO. 2 (5 MIN) (3317-M2)	1	FESC, RT SIDE, FS 256-266/112AB	*
TUBE – PITOT STATIC	4	NOSE SECTION, EXTERIOR	34-13-51

*SEE WIR EQUIPMENT LIST

M1-0000-21-1434

Component Location Index
Figure 101

EFFECTIVITY: ALL

30-31-00
Page 102
Oct 15/80

M1-0001-01-070

R
R

Example – Component Location Index
Figure 12

EFFECTIVITY: ALL

001B

recommended block number on that figure where fault isolation should start.

(3) Component Location Index (Fault Isolation Section, Ref. Fig. 12).

This Index is generally inserted in each fault isolation section as Figure 101. It is a tabulation of the components within that ATA section or subsection that may require removal and installation. Information provided in the table enables the technician to quickly identify the desired component by proper title, locate the item by panel or access/area, and obtain the correct removal/installation procedure.

(4) Component Locator Diagram (Fault Isolation Section, Ref. Fig. 13)

The Component Locator Diagram is generally inserted in each fault isolation section as Figure 102 and illustrates each component listed in Figure 101.

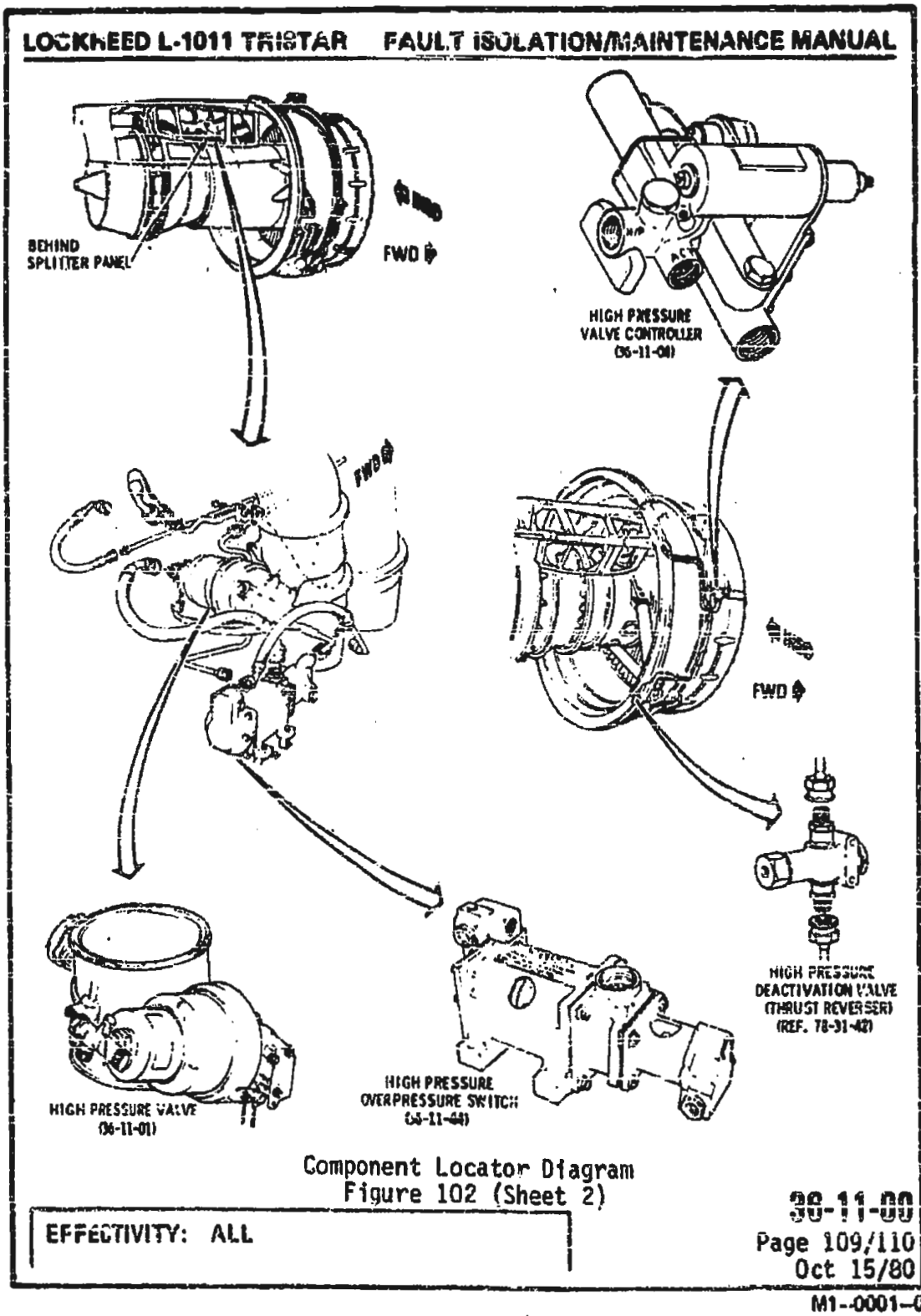
(5) Fault Isolation Block Diagrams (Fault Isolation Section, Ref. Fig. 14)

The first fault isolation block diagram will generally be designated Figure 103. Each diagram has a normal entry point at block No. 1 but this can vary as dictated by the fault isolation reference in the Fault Code Index.

Each block on the diagram contains a statement(s) reference the system/subsystem setup for fault isolation and instructions that result in a question. The YES/NO answer to what occurred when the instruction was performed determines which fault isolation path to follow. Each of the fault isolation paths terminate in a block where instructions are given to restore the system/subsystem to operational status.

PREREQUISITES on each fault isolation block diagram specify electrical power requirements and steps to be performed prior to starting the isolation procedure.

Schematic diagrams (Ref. Fig. 15) follow the last fault isolation block diagram and are designated SCHEM 1, SCHEM 2, and so on. Fault isolation schematics are not referenced in the Fault Code Index as a fault isolation reference, but are provided as an overview of system operation to assist the technician in fault analysis. Refer to the Wiring Manual for a complete system



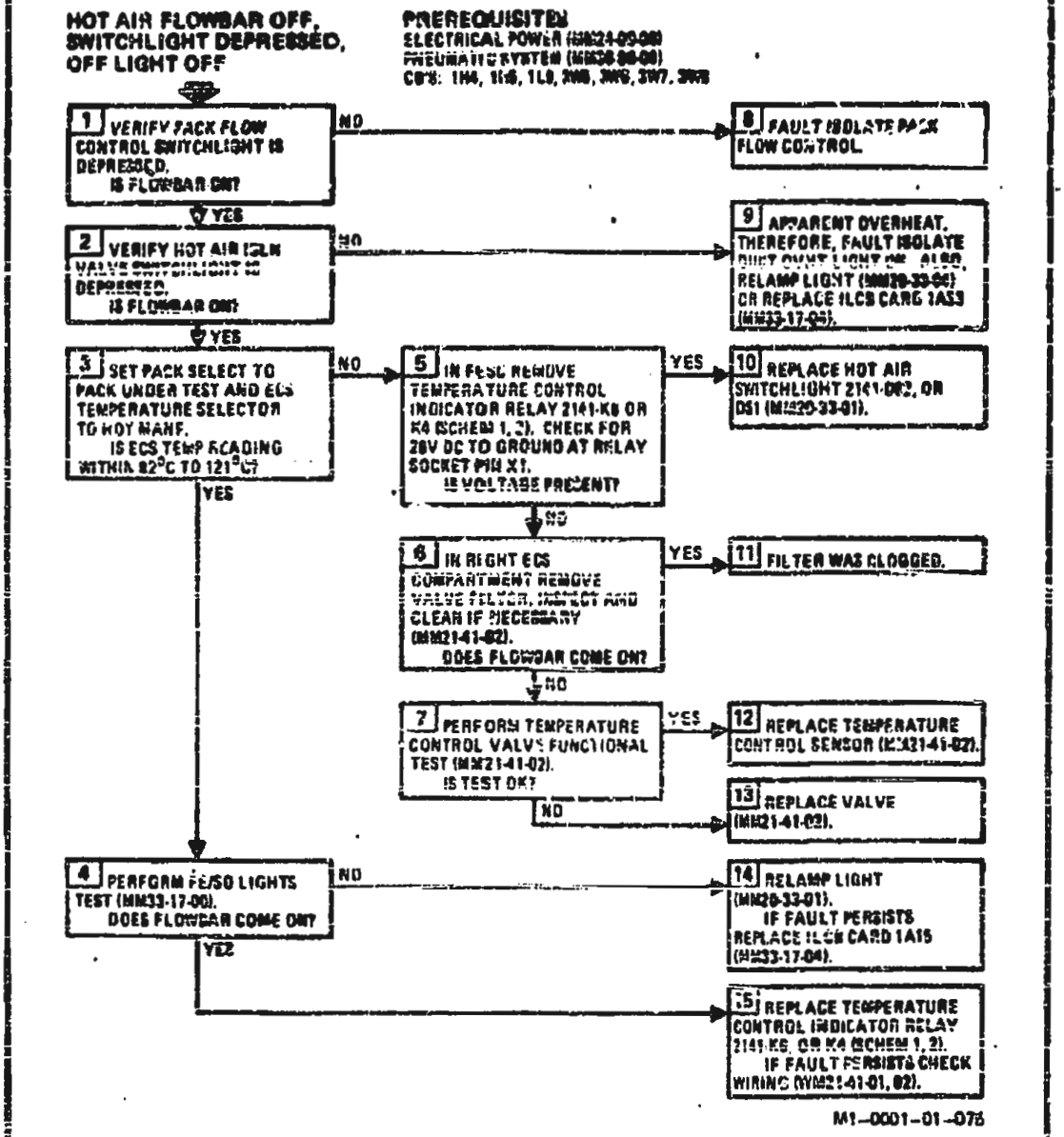
Component Locator Diagram
Figure 102 (Sheet 2)

EFFECTIVITY: ALL

M1--0001--01--071

R
R Example - Component Locator Diagram
Figure 13

R EFFECTIVITY: ALL
R
001B


HOT AIR FLOWBAR OFF, SWITCHLIGHT DEPRESSED, OFF LIGHT OFF
PREREQUISITES
ELECTRICAL POWER (MM24-00-00)
PNEUMATIC SYSTEM (MM36-00-00)
CB'S: 1H4, 1G6, 1L9, 2H8, 2H6, 3W7, 3W8
1 VERIFY PACK FLOW CONTROL SWITCHLIGHT IS DEPRESSED. IS FLOWBAR ON?
NO
8 FAULT ISOLATE PACK FLOW CONTROL
YES
2 VERIFY HOT AIR ISLN VALVE SWITCHLIGHT IS DEPRESSED. IS FLOWBAR ON?
NO
9 APPARENT OVERHEAT. THEREFORE, FAULT ISOLATE DUCT OVHT LIGHT (MM28-33-00). RELAMP LIGHT (MM28-33-00) OR REPLACE ILCS CARD 1A33 (MM33-17-00).
YES
3 SET PACK SELECT TO PACK UNDER TEST AND ECS TEMPERATURE SELECTOR TO HOT MANF. IS ECS TEMP READING WITHIN 82°C TO 121°C?
NO
5 IN FESC REMOVE TEMPERATURE CONTROL INDICATOR RELAY 2141-K5 OR K4 (SCHEM 1, 2). CHECK FOR 28V DC TO GROUND AT RELAY SOCKET PIN X1. IS VOLTAGE PRESENT?
YES
10 REPLACE HOT AIR SWITCHLIGHT 2141-SW2, OR DS1 (MM28-33-01).
NO
6 IN RIGHT ECS COMPARTMENT REMOVE VALVE FILTER, INSPECT AND CLEAN IF NECESSARY (MM21-41-02). DOES FLOWBAR COME ON?
YES
11 FILTER WAS CLOGGED.
NO
7 PERFORM TEMPERATURE CONTROL VALVE FUNCTIONAL TEST (MM21-41-02). IS TEST OK?
YES
12 REPLACE TEMPERATURE CONTROL SENSOR (MM21-41-02).
NO
13 REPLACE VALVE (MM21-41-02).
YES
4 PERFORM FE/SO LIGHTS TEST (MM33-17-00). DOES FLOWBAR COME ON?
NO
14 RELAMP LIGHT (MM28-33-01). IF FAULT PERSISTS REPLACE ILCS CARD 1A15 (MM33-17-04).
YES
15 REPLACE TEMPERATURE CONTROL INDICATOR RELAY 2141-K5, OR K4 (SCHEM 1, 2). IF FAULT PERSISTS CHECK WIRING (WM21-41-01, 02).
M1-0001-01-075

HOT AIR Flowbar Off, Switchlight Depressed, OFF Light OFF
Figure 10

EFFECTIVITY: ALL

M1-0001-01-075

R
R Example - Fault Isolation Block Diagram
Figure 14

EFFECTIVITY: ALL

001B

illustration(s) where all circuit components such as terminal blocks, diodes, resistors, etc. are shown.

6. In-Service Wear Tolerance

To the extent possible, in-service wear tolerance information will be presented in a similar manner in the Maintenance Manual, Structural Repair Manual, and the Overhaul Manuals.

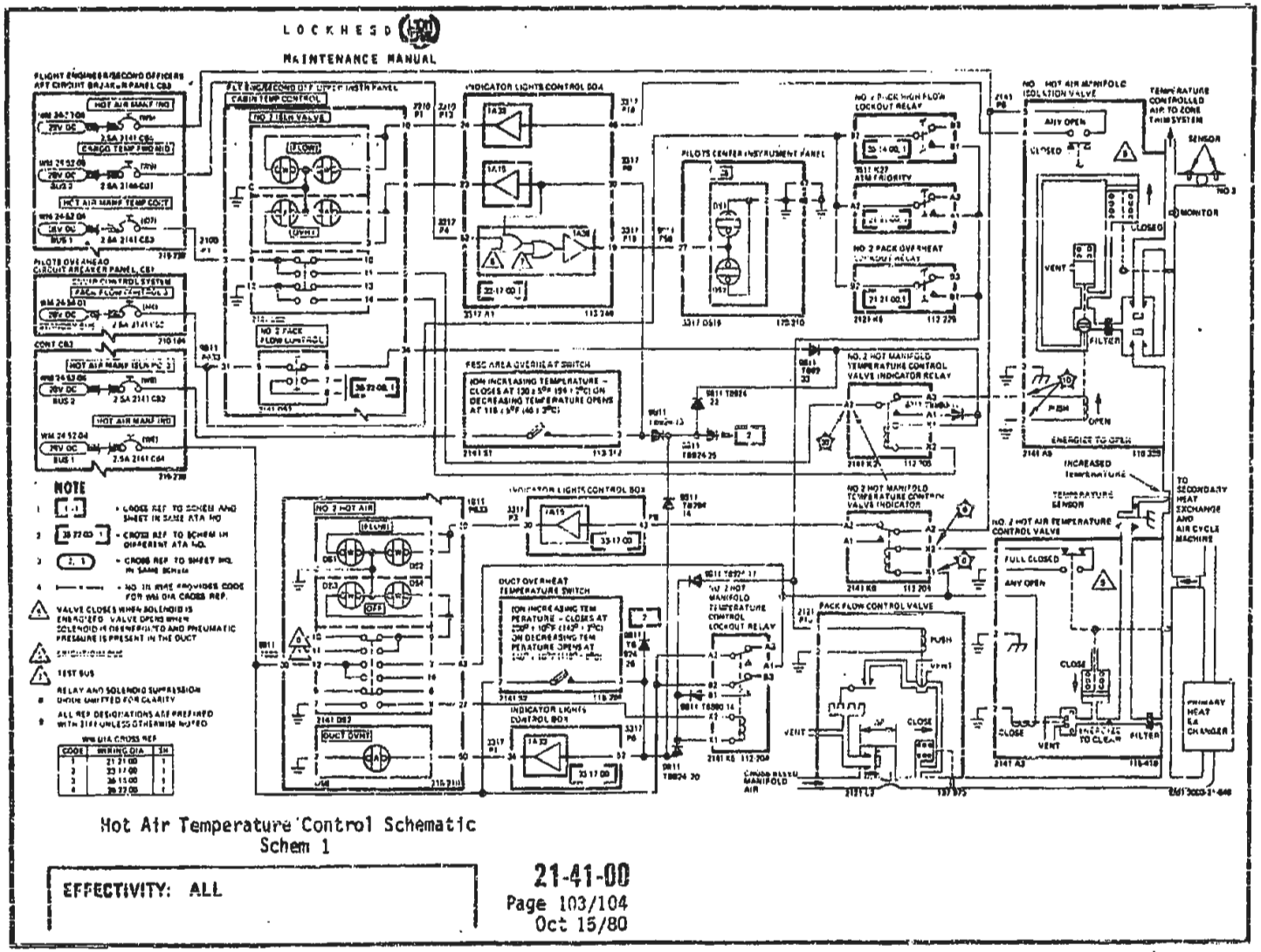
Figure 16 displays the format of the table used for wear tolerance information. The Table is divided into four major parts: DESCRIPTION, MANUFACTURING LIMITS, WEAR TOLERANCES and REWORK LIMITS.

The description part of the table has three columns, INTERFACE, ITEM, and DIM (dimension). An interface is the mating surfaces of two parts. A pin passing through a bushing, for instance, is an interface. The mating surfaces are the outside diameter of the pin and the inside diameter of the bushing. The same pin, however, could form more than one interface. Besides passing through a bushing, the pin could also pass through one or more bearings. In this case, the pin would be shown, or numbered, as being part of more than one interface.

The second column, the ITEM, identifies the mating parts of the interface. The third column, DIM, is usually the ID (inside diameter) or OD (outside diameter).

The second part of the table, MANUFACTURING LIMITS, has three columns. The first two are MIN and MAX, as-manufactured DIAMETER. These dimensions furnish the data for the third column, MAX CLEARANCE. The MAX CLEARANCE is the difference between the minimum shaft diameter and the maximum hole diameter. The (MIN INTERFERENCE) is the oversize dimension of a bushing. Since the OD of a bushing installed with interference fit is larger than the ID of the fitting hole, the dimension is shown in parentheses. The parentheses also help to distinguish between a clearance and an interference fit.

The third part of the table, WEAR TOLERANCES, is also divided into three columns. The first, MAX WEAR DIM (maximum wear dimension), is that dimension to which the part can wear before it is either rejected or reworked. The second column, MAX CLEARANCE OR (MIN INTERFERENCE), is the difference between the ID and OD of the mating parts, or the minimum interference fit of a bushing into a fitting. This minimum interference is the same as the as-manufactured dimension. The third column, STRUCTURAL DEVIATION (PARALLELISM, CONCENTRICITY, SURFACE FINISH), has many uses. Large landing gear parts, such as the NLG torque link, for instance, could be subjected to stresses that would distort the assembly. This distortion could affect


LOCKHEED
MAINTENANCE MANUAL
NOTE
VALVE CLOSES WHEN SOLENOID IS ENERGIZED. VALVE OPENS WHEN SOLENOID IS DEENERGIZED AND PNEUMATIC PRESSURE IS PRESENT IN THE DUCT
TEST BUS
RELAY AND SOLENOID SUPPRESSION DIODE OMITTED FOR CLARITY
ALL REF DESIGNATIONS ARE PREFIXED WITH 2141 UNLESS OTHERWISE NOTED
WIRE DIA CROSS REF
CODE | WIRING DIA | SH
1 | 21 21 00 | 1
2 | 33 17 00 | 1
3 | 36 15 00 | 1
4 | 36 27 00 | 1
INDICATOR LIGHTS CONTROL BOX
PILOTS CENTER INSTRUMENT PANEL
NO. 2 HOT MANIFOLD TEMPERATURE CONTROL VALVE INDICATOR RELAY
NO. 2 HOT AIR TEMPERATURE CONTROL VALVE
PACK FLOW CONTROL VALVE
TO SECONDARY HEAT EXCHANGE AND AIR CYCLE MACHINE

Hot Air Temperature Control Schematic
Schem 1

EFFECTIVITY: ALL

21-41-00
Page 103/104
Oct 15/80

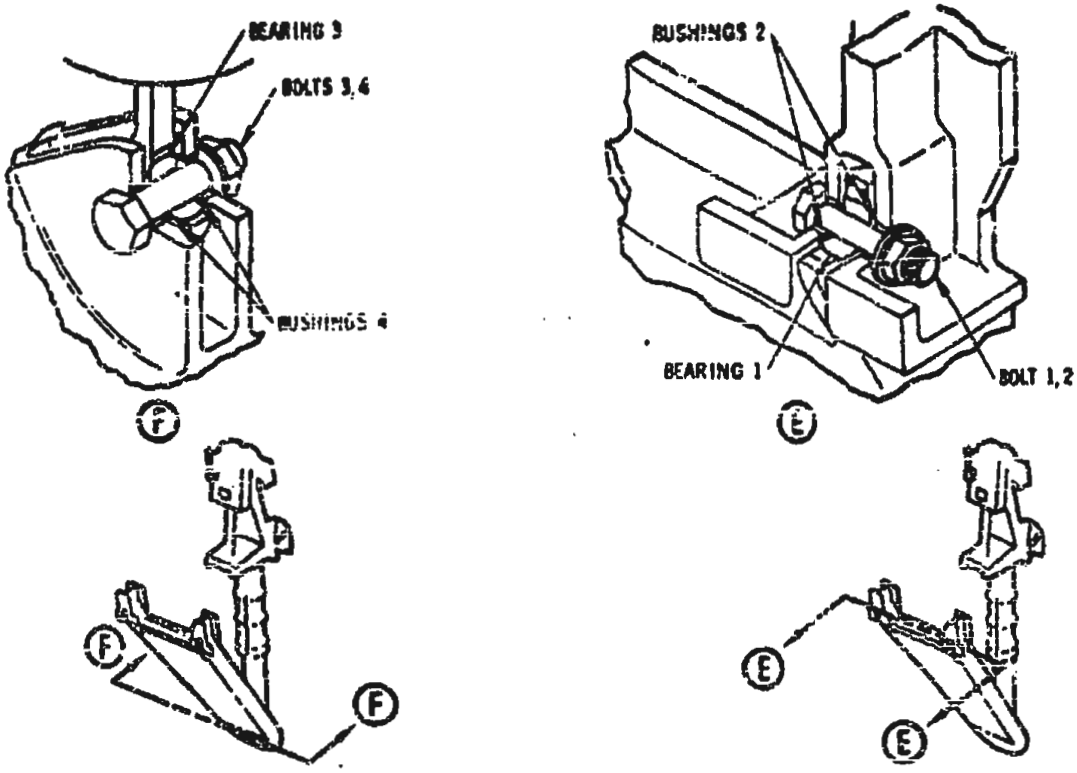
M1-0001-01-078

Example - Schematic Diagram (SCHEM)
Figure 15

R
R
0018

EFFECTIVITY: ALL

INTRO
Page 29/30
Aug 15/81



DESCRIPTION			MANUFACTURING LIMITS			WEAR TOLERANCES			REWORK LIMITS		
INTERFACE	ITEM	DIM	DIAMETER MIN	DIAMETER MAX	MAX CLEARANCE OR (MIN INTERFERENCE)	MAX WEAR DIM	MAX CLEARANCE OR (MIN INTERFERENCE)	STRUCTURAL DEVIATION (PARALLELISM, CONCENTRICITY, SURFACE FINISH)	1 PERMISSIBLE REAMING LIMIT OR (PLATING BUILDUP)	BUSHING ID AND OD TOLERANCE 2 3	MATERIAL AND HEAT TREAT 4
1	BEARING	I D	0.4950	0.5000	0.0015	0.505	0.0105	———	REPLACE WORN PARTS		
	BOLT	O D	0.4905	0.4975		0.495		———			
2	BUSHING	I D	0.4995	0.5005	0.0020	0.5055	0.0120	———	REPLACE WORN PARTS		
	BOLT	O D	0.4985	0.4995		0.4935		———			
3	BEARING	I D	0.5620	0.5625	0.0020	0.5660	0.0125	———	REPLACE WORN PARTS		
	BOLT	O D	0.5605	0.5615		0.5555		———			
4	BUSHING	I D	0.5620	0.5630	0.0025	0.5680	0.0125	———	REPLACE WORN PARTS		
	BOLT	O D	0.5605	0.5615		0.5555		———			

NOTE

1. ANY OVERSIZE REAMING DIAMETER WITHIN THIS LIMIT IS ACCEPTABLE
2. WHEN APPLICABLE, DUPLICATE ORIGINAL BUSHING SHOULDER
3. TAKE DIAMETER AFTER REAMING AS NOMINAL DIAMETER
4. BUSHING OR OTHER PART AS APPLICABLE

HH 5299
M1-0100-01-002

R
R

Wear Tolerance
Figure 16

not only the parallel alignment of the arms, but the concentricity of the fittings at the ends of the arms. In addition, in-service wear could have an affect on the surface of a part that could cause it to be rejected.

The fourth part of the table, REWORK LIMITS, covers information usually presented in the Structural Repair and Overhaul Manuals. However, the Maintenance Manual, in several instances, must include rework information. The first column of REWORK LIMITS is PERMISSIBLE REAMING LIMIT OR (PLATING BUILDUP). The dimensional limit listed does not mean that the hole must be reamed to that diameter, but that it may be reamed to that diameter if required. Note 1 states that "Any oversize reaming diameter within this limit is acceptable." The (PLATING BUILDUP) is shown in parentheses not only to distinguish it from permissible reaming, but also because it operates in the opposite direction from reaming. This column usually applies to a fitting, but may also cover other parts.

Column two of REWORK LIMITS applies only to bushings. It covers the minimum/maximum ID, which is the same as those under MANUFACTURING LIMITS, and the OD tolerance. This OD tolerance is a range beginning with the minimum interference shown under MANUFACTURING LIMITS. As with the permissible reaming limit, the OD tolerance is a range to which the oversize bushing may be manufactured. This range, or tolerance, permits a practical variation within which the airlines can fabricate replaceable parts. Note 2 is self-explanatory. Note 3 establishes the diameter after reaming as the reference diameter for fabricating the new bushing.

The third column, MATERIAL AND HEAT TREAT, can apply to bushings or other parts, as indicated by Note 4. This column specifies the material to use in manufacturing a bushing or in replating a worn part. Applicability of the information is easily determined from the context of the figure.

7. Electronic Logic Circuit

A large number of solid-state logic circuits are used in the L-1011. Logic circuits are two-state devices, referred to as binary (base 2) elements, which are used to perform computing or data processing functions.

In logic circuits, the digit 1 represents an active, significant, or true state while the digit 0 represents the inactive or false state. The representation of 1 or 0 does not imply power consumption, polarity of voltage, or energy difference, but only the active state.

Logic circuits follow the rules of Boolean Algebra, which defines algebraic rules while using the binary numbering system in logic applications. In the Boolean algebra system, subtraction and division are not used, and all logic is presented in terms of AND or OR.

A. Logic Presentation

Logic presentation reflects the logical operation of the equipment and is required by the technician for maintenance. The logic may be positive, negative or hybrid.

When the more positive potential is consistently selected as the logic 1 state, the system or device is considered to be in positive logic.

When the more negative (or less positive) potential is consistently selected as the logic 1 state, the system or device is considered to be in negative logic.

The presentation of logic requires the use of "bar" terms, which is a bar placed over the mnemonic term to show inverse logic. If a logic equation stated that the output of a function is logic 1 or active when the AFCS is not engaged, the term is read as AFCS engaged not or AFCS engaged-bar. The bar term is typical of logic used in monitor, alarm, disengage and warning circuits. When binary flip-flops are used, the outputs are denoted as Q and Q-bar, since the flip-flop has two outputs of opposite logic state. If the Q is logic 1, Q-bar is logic 0; if Q-bar is logic 1, the Q is logic 0.

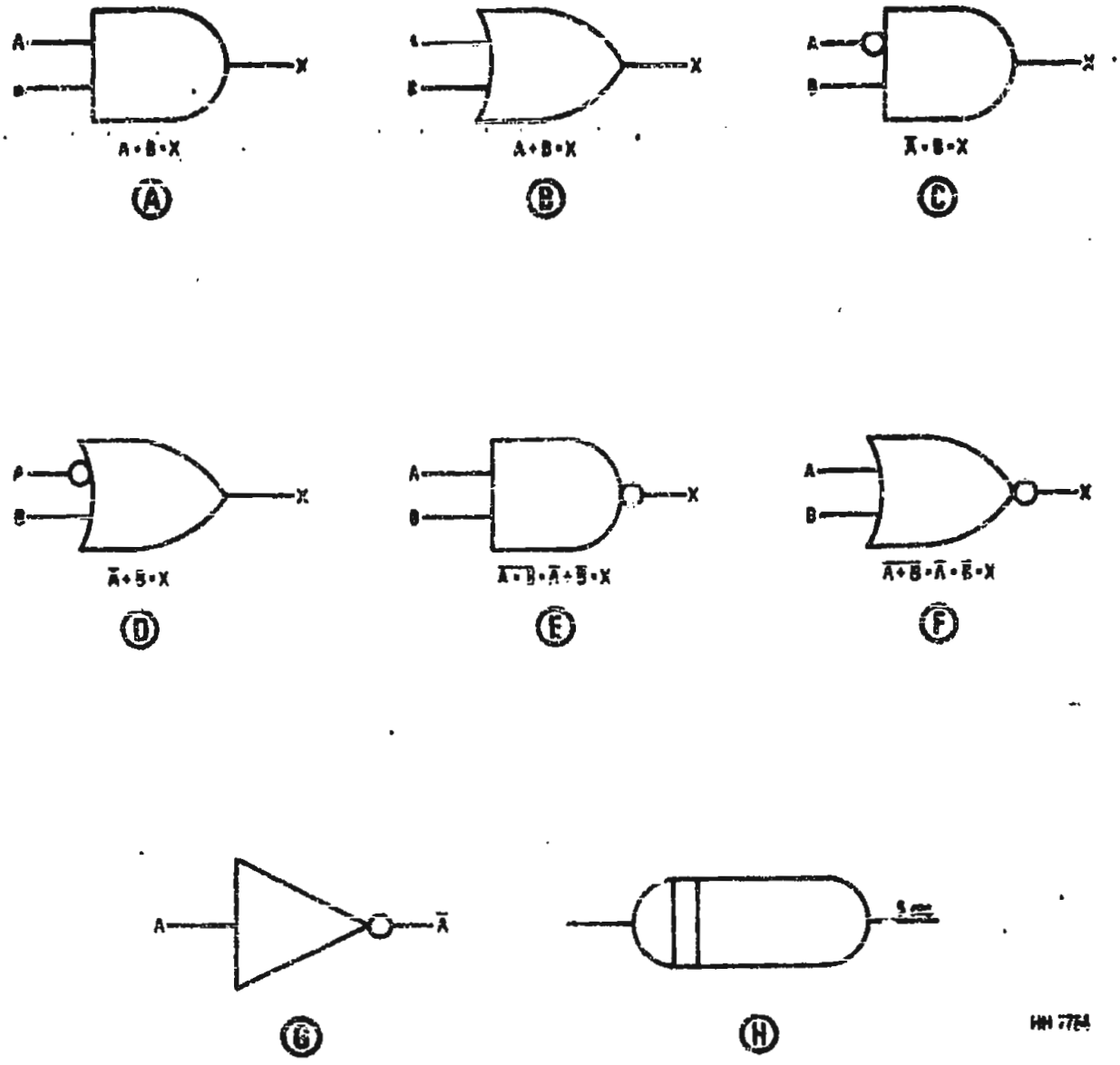
B. Logic Symbols

A bullet (•) designates the Boolean AND function and Figure 17,A shows a logic AND gate. To get a logic 1 state output from an AND gate, all inputs must be at the logic 1 state.

A plus (+) designates the Boolean OR function and Figure 17,B shows a logic OR gate. A logic 1 state output will be present from an OR gate if any input is at the logic 1 state.

A circle (o) on an input or output designates an inverting function, in which the logic function is inverted. The inversion introduces the bar term at the input or output of the logic element with which it is associated.

Figure 17,C states that A must be at a logic 0 state (or A-bar at a logic 1 state) and B must be at a logic 1 state for X to be at a logic 1 state.



HH 7784

HH 7784
M1-0100-01-033

R
R

Electronic Logic Symbols
Figure 17

EFFECTIVITY: ALL

001B

Figure 17,D states that A in the logic 0 state (or A-bar at a logic 1 state) or B in logic 1 state will give a logic 1 state output at X. The logic equation for Figure 17,E states that a logic 1 output will be available at X except when A and B are both at the logic 1 state. Conversely, X is at the logic 0 state if both A and B are logic 1. The exact same logic holds true if the equation A-bar + B-bar = X were used, for if either A or B are at the 0 state (A-bar or B-bar at a 1 state) a 1 state output will be present at X.

The logic equation for Figure 17,F states that X will be at a logic 1 state when either A or B is at a 0 state. The exact same logic holds true if the equation A-bar • B-bar = X were used, for if A-bar and B-bar are both at a 1 state (A and B at a 0 state), a 1 state output will be present at X.

Figure 17,G functions as a logic inverter and amplifier. The output is the opposite of the input.

Figure 17,H shows a typical time delay device. Several taps may be included and the delay time of each is displayed on the associated line.

8. Revision Marks

Additions, deletions or revisions to text will be identified by a revision mark (R) in the left margin of the page opposite the changed copy.

New or revised illustrations will be identified by revision marks (R) in the left margin of the page opposite the illustration Title and Figure number.

When preceding changes cause unchanged text or figure(s) to appear on a different page(s), a revision mark (R) will be placed opposite the ATA number and page number of all affected pages.

When customer initiated changes are incorporated, a customer revision mark (CR) will be placed in the left margin of the page. The "C" portion of this mark will remain on the page for the life of the manual.

9. Deactivation Procedure List

21-21-01 Pack Flow Control Valves

21-24-02 Galley Exhaust Air Flow Control Valve

	21-24-06	Galley Exhaust Fan
	21-25-01	FESC Exhaust Air Flow Sensor (LO FLO Light)
	21-25-02	MESC Exhaust Air Flow Sensor
	21-25-03	Forward Electronic Service Center Exhaust Fan
	21-25-04	MESC Exhaust Fan
	21-25-05	Forward Electronic Service Center (FESC) Exhaust Fan Differential Pressure Switch
	21-25-06	MESC Exhaust Fan Differential Pressure Switch
R R	21-25-10	Mid Electrical Service Center (MESC) Exhaust Air Flow Control Valve
	21-25-20	Pilot Instrument Cool System Light
R	21-25-34	Instrument Cooling Diverter Valve Actuator
R	21-25-35	Instrument Cooling Fan Differential Pressure Switch
	21-31-04	Aft Outflow Valve and/or Actuator
	21-32-01	Forward and Aft Cabin Safety Valves
	21-41-02	Hot Air Manifold Temperature Control Valve
	21-41-05	Hot Air Manifold Temperature Control Sensor
	21-41-17	Hot Air Manifold Isolation Valves
	21-41-19	Hot Air Manifold Duct Overtemperature Switch
	21-44-04	Cargo Compartment Fans
	21-44-07	Cargo Compartment Fan Cycling Switches
	21-44-11	Cargo Compartment Fan Overtemperature Switches
	21-44-15	Cargo Compartment Cold Indication Switches
	21-51-01	Dual Pack Heat Exchanger
	21-51-04	Ram Cooling Header and Check Valve
	21-51-07	Air Cycle Machine
	21-61-01	Auto Temp Selector

	21-61-03	Zone Auto Temp Controllers
	21-61-07	Zone Trim Control Valve
	21-61-12	Zone Duct Temp Sensors
	21-61-17	Zone Temp Sensors
	21-62-04	Ram Air Exhaust Valve Actuator
	21-62-13	Ram Air Exhaust Valve
	21-62-16	Turbine Bypass Valve
	22-10-12	Flight Control Auxiliary Unit (FCAU)
	22-13-02	Lateral Accelerometer Unit
	22-13-03	Roll AFCS Transducers (Left Inboard Aileron)
	22-15-01	YAW SAS Computer
	22-17-02	PFCS Monitor - Pitch
	22-31-00	Speed Control System
	23-23-00	VHF Communications Transmitters and Receivers
	24-11-01	Deleted by MEL Rev 5
	24-21-01	IDG Assembly
	24-21-07	Generator Breaker
	24-24-04	APU Generator Breaker
	24-32-04	Deleted by MEL Rev 10
	25-11-01	Captains Seat Assembly (MMEL cross reference 25-11-01/03)
	25-11-02	First Officers Seat Assembly (MMEL cross reference 25-11-01/03)
	25-11-03	Flight Engineer/Second Officer Seat Assembly
	25-21-00	Passenger Compartment Seats
	25-21-01	Attendant Seats
R	25-21-04	Passenger Compartment Seat - Underseat Baggage
R		Restraining Bars (MMEL cross reference 25-99-05)

25-26-30	Cabin Sidewall Articulated Vent Boxes
25-61-10	Door or Door Slide/Raft Assembly (MMEL cross reference 25-61-10/11/17/19)
26-11-06	APU Combustion Zone Sensor Assembly
26-11-14	APU Engine Fire Emergency Shutoff Control
26-21-03	Thermal Discharge Indicator
26-21-06	Fire Extinguisher Bottle Discharge Indicator
26-21-09	Fire Extinguisher Short Test System
27-00-01	Surface Position Indicator
27-21-14	Rudder Surface Damper
27-21-18	Rudder Mechanical Limiter
27-51-06	Load Relieving System Computer
27-51-67	Trailing Edge Flap Lock Light
27-81-46	Leading Edge Slat Lock Light
28-21-01	Refueling Adapters
28-21-03	Fueling/Defueling Manifold Isolation Valve
28-21-05	Fueling Valves
28-21-07	Fuel Level Control Switches (Float Switches)
28-24-13	Fuel Flow Equalizer
28-24-17	Continuous Scavenge System
28-26-01	Crossfeed Valve
28-27-01	Fuel Transfer Valve
28-27-02	Normal Fuel Transfer Valves (Tanks 1A/3A)
28-27-07	Gravity Fuel Transfer Valve (Tanks 1A/3A)
28-31-01	Fuel Jettison Valve
28-41-00	Fuel Quantity Indicating System
28-41-24	Fuel Level Sight Gage

	29-11-07	Engine-Driven Hydraulic Pump
	29-11-32	Hydraulic Firewall Shutoff Valve
	29-31-10	Fluid Quantity Transmitter
	29-31-14	Reservoir Pressure Gage
	29-33-00	Air Turbine Motor Indicating System
	30-13-02	Regulating/Shutoff Valve
	30-21-01	Engine Anti-Ice Control Valve
	30-41-00	Windshield Temperature Control and Defogging System (MMEL cross reference 30-41-01)
	30-51-00	VHF Antenna Anti-Ice System
	32-31-02	Landing Gear Control Solenoids
	32-36-00	Landing Gear Alternate Hydraulic Extension System
	32-37-00	Landing Gear Emergency Mechanical Extension System
	32-43-01	MLG Brake
	32-44-05	Flight Station Antiskid Control Monitor (MMEL cross reference 32-44-06)
	32-46-00	Brake Pressure Indicating System
	32-48-00	Deleted by MMEL Rev 5
	32-51-03	Rudder Pedal Steering Disconnect
	32-61-00	Landing Gear System
	32-71-00	Tail Skid Control System
R	34-19-00	Windshear System (MMEL cross reference 34-62-00)
	34-22-00	Magnetic Heading Reference System/Directional Gyro Compass System
	34-22-04	Deleted
	35-21-00	Passenger Oxygen System
	36-11-01	Engine High-Pressure Valve
	36-11-04	Engine High-Pressure Valve Controller

	36-11-08	Mixing Ejector
	36-11-11	Bleed Air Temperature Sensors
	36-11-14	Bleed Air Overtemperature Switch
	36-11-18	Bleed Air Isolation Valve
	36-11-44	High-Pressure Overpressure Switch
	36-12-02	APU Load Compressor Discharge Duct Isolation Valve
	36-14-01	Aft Fuselage Duct Isolation Valve
	36-14-02	Crossbleed Duct Isolation Valve
	49-00-01	Auxiliary Power Unit (APU)
	49-11-05	APU Air Inlet Door Actuator
	49-11-15	APU Compartment Vent Closed Indicator Light
	49-31-14	APU Fuel Filter Indicator Light
	49-91-07	APU Low Oil Quantity Indicator Light
	52-12-00	Cabin Door Actuation System
	52-34-00	Cargo Door Actuation Systems (C-1, C-2, C-3 Door)
	52-34-52	Cargo Door Guides
	52-42-01	Galley Door Retractor Spring
	52-71-00	Door Warning System
R	73-31-00	Fuel Pressure System
	74-11-00	Power System (MMEL cross reference 74-11-01 and 74-31-02)
	75-21-00	Air Inlet Shutoff Valve
	77-12-08	High Pressure N3 Engine Shaft Speed Indicator
	77-22-00	Engine Cooling Air Overheat Indicating System
	78-31-00	Cold Stream Reverser System
	78-31-33	Reverser Indicating Lights - Unlock
	78-32-00	Deleted by MEL Rev 10

79-31-02	Oil Pressure Indicating and Warning System
79-37-00	Oil Quantity Indicating System
80-11-02	Ground Start/Assist Air Start Switchlight
80-11-08	Starter Control Valve

10. Aircraft Serials

TRANS WORLD NOSE NO.	LOCKHEED MFG SERIAL NO.	FAA REGISTRATION SERIAL NO.	LOCKHEED MODEL DESIGNATION
11001	193B-1013	N31001	L-1011-385-1
11002	193B-1014	N11002	L-1011-385-1
11003	193B-1015	N11003	L-1011-385-1
11004	193B-1016	N11004	L-1011-385-1
11005	193B-1017	N11005	L-1011-385-1
11006	193B-1018	N11006	L-1011-385-1
11008	193B-1028	N31008	L-1011-385-1
11009	193B-1029	N31009	L-1011-385-1
11010	193B-1030	N31010	L-1011-385-1
11011	193B-1031	N31011	L-1011-385-1
11012	193B-1034	N41012	L-1011-385-1
11013	193B-1035	N31013	L-1011-385-1
11014	193B-1036	N31014	L-1011-385-1
11015	193B-1059	N31015	L-1011-385-1
11016	193B-1060	N41016	L-1011-385-1
11017	193B-1063	N15017	L-1011-385-1
11018	193B-1065	N31018	L-1011-385-1
11019	193B-1066	N31019	L-1011-385-1
11020	193B-1072	N41020	L-1011-385-1
11021	193B-1075	N31021	L-1011-385-1
11022	193B-1076	N31022	L-1011-385-1
11023	193B-1080	N31023	L-1011-385-1
11024	193B-1091	N31024	L-1011-385-1
31025	193B-1098	N81025	L-1011-385-1-15
31026	193B-1104	N81026	L-1011-385-1-15
11027	193B-1107	N81027	L-1011-385-1
31028	193B-1108	N31028	L-1011-385-1-15
31029	193B-1109	N31029	L-1011-385-1-15
31030	193B-1111	N31030	L-1011-385-1-15
31031	193B-1115	N31031	L-1011-385-1-15
31032	193B-1215	N31032	L-1011-385-1-15
31033	193B-1221	N31033	L-1011-385-1-15
31034	193B-1230	N8034T	L-1011-385-1-15
31035	193B-1231	N7035T	L-1011-385-1-15
31036	193B-1232	N7036T	L-1011-385-1-15

11. Service Bulletin Lists

R Lockheed Martin Service Bulletins

NOTE: "Not Accepted" indicates Service Bulletin not selected for incorporation in the airplanes affected.

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
07-001 Rev 4		Oct 1/72	Aircraft Jacking Max Gross Wt Limitations
07-002 Rev 2	96577	Jul 15/73	Add Alternate Static Gnd Stud for Jacking Aircraft at Wing & Fuselage
11-002	89951	Jan 15/73	Add CB Nameplates at Beverage Bar & Service Counters
11-003 Rev 1		Mar 15/73	Application of Cargo Doors Decals
11-004	89363	Oct 1/72	Install Potable Water Fill & Overflow Valve Placard
11-008		Dec 1/72	Replace MLG Door Uplock Instruction
11-009	89336	Dec 1/72	Modify Flt Sta CB Panel Legend
11-011	89337	Dec 1/72	Add Pitch Trim Overload Shear Joint Decal
11-014 Rev 1	89389	Oct 1/72	Install Aileron Rig Pin Decals
11-015	89416	Dec 1/72	Revise FESC Relay Panel Decal
11-016 Rev 1	89847	Dec 1/72	Add Galley & Cabin Placards
11-017 Rev 1	Not Accepted	No Effect	Install Reference Designators
11-018 Rev 3		No Effect	Install Interior Markings
11-020	Not Accepted		Install Empennage/Afterbody Warning Decal
11-021	Not Accepted		Install Hyd Sys B & C Access Doors, MESC Door, & Jacking/Mooring Point Decals
11-026	96884	May 15/88	Replace Cargo Doors Instr Decals
11-028		May 15/73	Install Roll/Trim Control Rigging Status Advisory Markings
11-030 Rev 1	98344	Nov 15/74	Install ECS Duct Temp Sensor Placard
11-031	97407	Sep 15/73	Add FESC Relay Panel Decal
11-034	96843	May 15/75	Install Galley Lift System Fault Isolation Test Panel Decal
11-036	98343	No Effect	Replace Spoiler Control Cable Ident
11-038	Not Accepted	Aug 15/74	Install Revised Fwd & Aft Lav Waste Placards
11-044		Aug 15/74	Install NLG Downlock Eye Viewer Decal

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	11-045	98419	Nov 15/74	Install Top Surface Decal, Galley Emerg. Egress Panel
	11-046	98417	Feb 15/75	Add MESC Door Warning Pennant
	11-048 Rev 2	Not Accepted		Revise Cargo Door Egress Placard
	11-058	Not Accepted		Install Interphone Jack Marker
	11-059	97618	Nov 15/75	Replace Placard, MESC AC Dist. Boxes
	11-061 Rev 2	97619	Nov 15/75	Replace Placard, MESC Ext. Pwr/APU Gen. Box
	11-064 Rev 1	Not Accepted		Replace Placard, R Wing Pressure Fueling Panel
	11-065	Not Accepted	May 15/76	Modify Luminaire Light Power Supply Spare Fuse Box
	11-067 Rev 1	97692	May 15/76	Remove Flight Sta APU Manual Paralleling Placard
	11-067 Rev 3	97692	Jun 15/81	Remove Flight Station APU Manual Paralleling Placard
	11-070	97622	No Effect	Inspect/Modify DC Stdby Trans. Relay Decal
	11-073		Aug 15/76	Replace Decal, Pass. Door Manual Closing Instructions
	11-079	Not Accepted		Change External Markings, Fuel Tank Capacities
	11-081		No Effect	Install/Replace Placards, Fwd & AFt Cargo Compts
	11-082 Rev 5	97764 97766	Jun 15/80	Install Warning Decal, Gen. Sys. Fault Annunciator Panel
	11-086 Rev 1	99212	Nov 15/81	Install Max. Loading Decals, Cargo Compartments
	11-088		Aug 15/78	Install Rigging Status Advisory Markings
	11-089		Sep 15/79	Install Speed Placard
	11-090		May 15/79	Engine Intermix Identification
	11-091 Rev 2		Feb 15/82	Install Blowout Panel Opening Instructions Decal
	11-096 Rev 1		Jun 15/81	Ident RB211-524-02 & RB211-524B Engine Intermix
	11-103	94482	Jun 15/81	Remove Flight Station Dual Pitch Trim Placard
	11-105	99023	No Effect	Flight Station Interior Markings Placards
	11-109 Rev 2		Feb 15/82	Addition of Bilingual & Pictograph Lavatory Placards
R	11-124	70F81	May 15/84	Engine and Fuel Valve Circuit Breaker Nomenclature
	11-126 Rev 2		No Effect	Manufacturers Serial Number and Registration Identity

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
11-126 Rev 4	Not Accepted		Manufacturers Serial Number and Registration Identity
11-126 Rev 9	Infor-mation Purposes Only		Manufacturers Serial Number and Registration Identity
11-126 Rev 10	Infor-mation Purposes Only		Manufacturers Serial Number and Registration Identity
11-126 Rev 11	Infor-mation Purposes Only		Manufacturers Serial Number and Registration Identity
11-126 Rev 14	Infor-mation Purposes Only		Manufacturers Serial Number and Registration Identity
11-141		Nov 15/89	Replace Shock Strut Servicing Plates on Landing Gear Doors
11-141 Rev 4	71F34	No Effect	Replace Shock Strut Servicing Plates on Landing Gear Doors
11-145	Not Accepted		Modification of Outflow Valve Caution Decal
12-001 Rev 1		Dec 1/72	Lubricate Slat Torque Tube Coupling
20-090 Rev 2		No Effect	Replace AFCS/MLG Accessory Unit Socket Relay
21-000 Rev 22		No Effect	Listing and Approval of Supplier Service Bulletins - Supplier Modifications - Air Conditioning
21-001 Rev 2		Aug 1/72	Modify Heat Exchanger Ducted Header
21-003 Rev 1	89920	Mar 15/73	Install Zone Trim Control Air Valve
21-004 Rev 1	89958	No Effect	Replace Supply Air Flow Control Valve
21-005 Rev 1	89338	No Effect	Replace ACM/Hot Manifold Ducts
21-006 Rev 1	89982	Feb 15/73	Heat Exchanger Exhaust Valve Rigging Instructions
21-007	89305	Dec 1/72	Replace Ram Air Exhaust Valve Actuators & Mod Wiring
21-008	89314	Oct 1/72	Replace IPS Panel & Harness Elec Connectors
21-009 Rev 2	89306	No Effect	Modify Distribution System Water Drains

SB NO. & REV.	MC NO.	INCORP. IN REV.	TITLE
21-011	89315	No Effect	Replace Flt Sta Foot Warmer Diffusers
21-013		May 15/73	Modify Air Cycle Pack Temp Controller
21-014		Jun 1/72	Add Flight Station Air System Water Drain
21-016 Rev 2	96382	Oct 1/72	Modify Temp Sensor Mounting & Wiring
21-017 Rev 1	89345	No Effect	Replace Underfloor Relief Valve Plenum Intercostals
21-018 Rev 1	89417	Apr 15/73	Replace Foot Warmer Tube Assy
21-021 Rev 3		Feb 15/73	Modify ACM Tie-rod Mount
21-022	89413	No Effect	Revise Jet Pump Aspirator Grille Sound Attenuator Material
21-023		No Effect	Replace Aspirator Jet Pump Flow Dividers
21-024	89846	No Effect	Modify Water Separator
21-025	89414	No Effect	Modify Floor Panel Heater Elec Harness Support
21-026 Rev 1		Dec 1/72	Deactivate Single Seat Individual Air Outlet Valve
21-027 Rev 1		No Effect	Inspect ACM Oil Sump for Water
21-028 Rev 1	89449	No Effect	Add Flt Sta Muffler Duct Support
21-029 Rev 1	89472	Dec 1/72	Install Ram Air Actuator Limiter
21-030	89483	No Effect	Modify ACM Sump Wick Retention
21-032	89484	Dec 1/72	Replace Galley Fan CB
21-034 Rev 1		Jun 15/95	Modify Water Separator Gravity Drain
21-035 Rev 4		Apr 15/73	Relocate Bleed Air Area Overtemp Sensors
21-036 Rev 3		No Effect	Rework Flt Sta Individual Air Outlet Hoses
21-037 Rev 3	89475	No Effect	Modify Water Drain Line
21-038		No Effect	Replace Turbine Bypass Valve
21-039		Dec 1/72	Modify Pack Flow Cont Valve Relay Panel
21-041 Rev 1		May 15/73	Relocate Cabin Zone Temp Sensors
21-042 Rev 1		No Effect	Replace Cold Air Plenum Cover Assy
21-045	96352	Feb 15/73	Modify Instrument Cooling Fan Elec Connector

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
21-046 Rev 2		Mar 15/73	Install Humidity Control System
21-047 Rev 2		Feb 15/73	Remove Heat Exchanger Ducted Header
21-049	96392	No Effect	Change Temp Cont Test Modules Recept & Connector Keying
21-050 Rev 3	98250	May 15/74	Modify Inst Panel Cooling Fan & Ducting
21-051 Rev 3		Feb 15/74	Modify Pack Flow Indication and Flow Control Wiring
21-053 Rev 1	96252	Feb 15/73	Reduce Cabin Press. Safety Valve Cracking Press.
21-054 Rev 1	96844	Nov 15/73	Relocate Fwd Cargo Compt Overtemp Switch
21-055 Rev 1		No Effect	Modify ACM Diffuser Housing
21-056	97092	No Effect	Add Oven Exhaust Orifice
21-057		No Effect	Install Padding, ACM Support Assy
21-058 Rev 1	96491	No Effect	Replace Cabin Pressure Controller
21-059 Rev 1		No Effect	Install ACM Outlet Duct Support Strap
21-060 Rev 1		Nov 15/73	Replace ACM Shock Mount Tie Rod
21-064 Rev 1	96467	Jun 15/73	Replace ACM/Turbine Bypass Valve Duct Couplings
21-065 Rev 4	96878	No Effect	Replace Duct Joint Insulation Muff
21-067	96882	Jun 15/73	Replace Pack Flow Rate Transducers and Indicator
21-069 Rev 3	96594	Sep 15/73	Install ADI-HSI Cooling Ducts
21-070 Rev 1	96595	No Effect	Modify ACM/HE Duct Connectors
21-072 Rev 5		Nov 15/73	Modify Hot Air Manifold Logic Wiring
21-075		No Effect	Replace Gnd Conn./Water Separator Duct Seals
21-077 Rev 2	98251	Nov 15/74	Relocate Hot Air Manifold Iso Valves
21-079 Rev 2	96597	No Effect	Replace Air Cycle Pack Ice Sensor
21-080 Rev 2		No Effect	Replace Air Cycle System Water Separator
21-081 Rev 3	96901	No Effect	Replace Cabin Press Cont Outflow Valve
21-083 Rev 5	Not Accepted		Install Battery Cooling Fan & Underfloor Insulation

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	21-085 Rev 1	96594	No Effect	Inspect Inst Panel Cooling Manifold Installation
	21-086 Rev 5	98253	No Effect	Modify Ram Air Inlet Scoop
	21-087 Rev 4	98254	May 15/75	Revise MESC Exhaust Ducting
	21-088 Rev 2		May 15/76	Replace/Relocate Flt Sta Temp Sensor
	21-090	98255	Nov 15/74	Reduce Galley Exhaust Fan Noise
	21-093	98257	No Effect	Replace Air Cond. Exhaust Fans
	21-094	98258	No Effect	Modify ECS Condensation Drain
	21-097 Rev 2	98259	Aug 15/76	Relocate Galley Temperature Sensor
	21-098	98443	No Effect	Replace Exhaust Fan, Cargo Compartment
	21-099 Rev 1	98597	No Effect	Replace ACM Coupling
	21-100 Rev 2	98253	No Effect	Modify Ram Air Inlet
	21-105 Rev 6	97535 97614	May 15/77	Install Air Cooled Battery
	21-106 Rev 1	98846	Aug 15/76	Improve Heated Floor Panel Operation
	21-108	Not Accepted		Add Flt Sta Inst Cooling Inlet Filter
	21-111	71F85	Nov 15/90	Deactivate Pack Flow Indicating System
	21-111 Rev 1	71F85	Nov 15/90	Deactivate Pack Flow Indicating System
	21-111 Rev 2	71F85	No Effect	Deactivate Pack Flow Indicating System
	21-114 Rev 2	98259	May 15/77	Add Galley Temp Sensor Cover
C C C C C	21-115 Rev 1	99855	May 15/80	Replacement of Pack Temperature Controller and Temperature Control Test Module - Temperature Control Air Cycle Pack System and Built-in System Test - Air Conditioning
	21-119		No Effect	Replace ACM Support Isolator
	21-121 Rev 1		Feb 15/78	Modify Flt Sta Inst Cooling Air Service Dust
	21-122	98881	Aug 15/76	Replace ECS Flow Sensor
	21-123 Rev 2		Aug 15/76	Add Low Flow Indication, Instrument Cooling Air
	21-128	97646	No Effect	Improve FESC/MESC Avionics Shelf Plenum Cooling
	21-129		No Effect	Revise Ground Air Conditioning Ducts

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
21-131	98954	No Effect	Inspect Heated Floor Panel Electrical Harness
21-136 Rev 1		Jun 15/80	FESC Avionics Equipment Cooling
21-137		Jun 15/81	Modify Galley Oven Exhaust Mass Flow Control Valve
21-138		Dec 15/80	Increase Instrument Cooling Air Flow
21-139		Nov 15/78	Insulate Aft Cargo H/E Duct
21-140		Sep 15/79	Revise Pos. Ind. Wiring, Hot Air Manifold Valves
21-143 Rev 1		Aug 15/82	Modify Flight Station Instrument Cooling
21-145		Nov 15/81	Modify Inertial Navigation System Cooling Duct and wiring
21-146 Rev 1	Not Accepted		Replace Temperature Sensor
21-146 Rev 2	70H50	No Effect	Replace Temperature Sensor
21-146 Rev 3	70H50	No Effect	Replace Temperature Sensor
21-151 Rev 1	Not Accepted		Filter Retainer Frame Replacement
21-154 Rev 2		Mar 15/81	Injection of Hot Air Into Cold Air Supply
21-155	98184	No Effect	Replace Environmental Flow Control Valve
21-157 Rev 1	99546	No Effect	Modify/Inspect Outflow Valve Cabin Pressure Control System
21-162		Jun 15/81	Replace Turbine Bypass Valve
21-162 Rev 2		Feb 15/82	Replace Turbine Bypass Valve
21-163 Rev 1		Jun 15/80	Improve Air Flow, FESC Aft Avionics Rack
21-168 Rev 1		No Effect	Modify/Replace Trim Air Valve
21-172	99546	Dec 15/80	Delete Forward & Aft Outflow Valve Guard
21-175 Rev 1		No Effect	Modify Aspirator Tube ECS Heat Exchanger
21-177		Aug 15/82	Controlled Hot Air Injection into Plenum Sole Source Cooling Air
21-178 Rev 1	94482	No Effect	Replace Flow Rate Transducer - Packs 1, 2 & 3
21-A180	96942	Jun 15/81	Deactivate Heater Lavatory Vent Line
21-180	70H19	No Effect	Deactivate Heater
21-180 Rev 1	70H19	No Effect	Deactivate Heater

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
21-188		No Effect	Modify Rear Avionics Rack Air Cooling Duct
21-192	99888	Incor-porated	Installation of Ozone Converters
21-192 Rev 1	99888	Nov 15/81	Installation of Ozone Converters
21-192 Rev 2	99888	Nov 15/81	Install Ozone Converters
21-192 Rev 3	99888	No Effect	Installation of Ozone Converters
21-192 Rev 4	99888	No Effect	Installation of Ozone Converters
21-192 Rev 5	99888	May 15/89	Installation of Ozone Converters
21-194 Rev 1	99888	No Effect	Inspection of Galley Oven Exhaust Ducting
21-194 Rev 2	Not Accepted		Inspect Galley Oven Exhaust Ducting
21-197	70E30	No Effect	Rerouting Ejector Bleed Air Line
21-199		No Effect	Modification of Bleed Air Duct Ring - Supply System
21-200 Rev 1, Rev 2, and Rev 3	70E30	No Effect	Inspect/Reinforce ECS Compartment Ducting
21-201		No Effect	Modify Heat Exchanger, Duct Insulation
21-205		Jul 15/83	Air Cooling Duct, FESC INS Flow - Low Flow Adpater Installation
21-205 Rev 1		Aug 15/85	Air Cooling Duct, FESC INS Flow - Low Flow Adapter Installation
21-208	70G30	No Effect	Provide Current Production Ducts for Delivered TWA Aircraft
21-210	70F34	No Effect	ECS - Ram Air Inlet Noise Reduction
21-210 Rev 2	70F34	No Effect	ECS - Ram Air Inlet Noise Reduction
21-211 Rev 2		No Effect	Removal of Aft Cabin Zone Orifice Plates - Cabin Air Distribution
21-212 Rev 2		No Effect	Replacement of Forward Cabin Riser Duct Orifice Plate - Air Conditioning
21-213		May 15/85	Ram Air Eahaust Valve Actuator Rigging - Environmental Control System - Air Conditioning
21-213 Rev 1		No Effect	Ram Air Exhaust Valve Actuator Rigging - Environmental Control System - Air Conditioning

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
21-214	70J31 70K78 71H24	Nov 15/85	Detection and Indication Logic Modification and Sensors Relocation - Bleed Air Overheat Warning System - Air Conditioning
21-214 Rev 1	70J31 70K48 70K78	Nov 15/85	Detection and Indication Logic Modification and Sensors Relocation - Bleed Air Overheat System - Air Conditioning
21-214 Rev 3	71H24 70K78	Nov 15/85	Detection and Indication Logic Modification and Sensors Relocation - Bleed Air Overheat System - Air Conditioning
21-214 Rev 4	71H24	Nov 15/85	Detection and Indication Logic Modification and Sensors Relocation - Bleed Air Overheat System - Air Conditioning
21-216	70L42	Nov 15/85	Modification to Provide Common Logic Indication - Bleed Air Overheat Detection System
21-216 Rev 1	70L42	Nov 15/85	Modification to Provide Common Logic Indication - Bleed Air Overheat Detection System
21-220		No Effect	Aspirator Jet Pump Reinforcement
21-222 Rev 1	70K78	No Effect	Deflector Assembly Installation - Bleed Air Overheat Warning System - Air Conditioning
21-222 Rev 2	70K78	No Effect	Deflector Assembly Installation - Bleed Air Overheat Warning System - Air Conditioning
21-227	71H24	Nov 15/90	Deflector Assembly Modification and Sensor Installation - Bleed Air Overheat Warning System - Air Conditioning
21-227 Rev 3		Nov 15/90	Deflector Assembly Modification and Sensor Installation - Bleed Air Overheat Warning System - Air Conditioning
21-228 Rev 0	71R72	Dec 15/94	Underfloor Heating Panel - Deactivation - Air Conditioning
21-229		Rejected	Bleed Air Overheat Warning System Channel B Sensor Rerouting
22-001 Rev 5	89304	Dec 1/72	Modify FCES, Trim Augmentation & Ind Lights Circuit
22-003 Rev 1	89965	Feb 15/73	Install Flight Cont Aux Unit Circuit Board
22-005 Rev 1	89971	No Effect	Modify Glare Shield Panels

SB NO. & REV.	MO NO.	INCORP. & REV.	TITLE
22-006 Rev 2	89316	Dec 1/72	Replace AFCS Visual and Aural Warn. Unit & Mod Wiring
22-009	89372	Dec 1/72	Modify Yaw Rate Gyros
22-010 Rev 1	89464	No Effect	Replace Autopilot Servo Pressure Switch
22-011	89436	No Effect	Replace Roll Computers
22-012	96111	No Effect	Replace Pitch Computers
22-013 Rev 2	96139	Mar 15/73	Delete Auto Throttle Max Fwd Thrust Switches
22-014 Rev 1	89316	Dec 1/72	Modify Control Wheel Disconnect Shelf and Wiring
22-015 Rev 2	89476	No Effect	Inspect/Replace Aileron/Rudder Dual Position Transducer
22-019 Rev 2	96380	Apr 15/73	Modify Auto Gnd Spoiler Cont Wiring
22-020 Rev 1		May 15/74	Add Auto Throttle Retard During Manual Landing
22-021	89824	May 15/73	Replace FCES Computer
22-023		Nov 15/73	Replace Trim Aug Comp for FIM React
22-025	97388	No Effect	Change Connector Clocking Center Avionics Rack
22-026		May 15/74	Modify Roll, Yaw, & Speed AFCS Computers
22-030 Rev 1	97141	May 15/74	Replace Yaw and Roll Computers
22-031 Rev 1	96586	Nov 15/73	Minimize Nuisance Disconnects, Speed Control Computer
22-032	97137	No Effect	Modify AFCS FIM with Reset Function
22-034 Rev 1	97415	May 15/74	Replace Speed Control Computer
22-A039	97141	No Effect	AFCS Computers Pitch & Roll Axes Intermix
22-039 Rev 1		No Effect	Replace Pitch and Roll Computers
22-041 Rev 2	97141	Nov 15/73	Install Pitch & Roll Computer
22-044 Rev 3	97212	No Effect	Replace Angle of Attack Sensor Mount Plate
22-A045		No Effect	Inspect APFDS Panel for Wiring Discrepancy
22-046 Rev 2	97168	Sep 15/73	Modify AFCS Mode Wiring
22-049 Rev 1	97141	May 15/74	Revise Pitch Comp Mode Annunciator
22-050 Rev 2		Aug 15/74	Modify FCES/PFCS Monitoring Circuit
22-051	97386	May 15/74	Activate AFCS FIM Reset Function

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
22-055 Rev 4	97414	Nov 15/78	Change Pitch Command Limit, TO/GA
22-057 Rev 2	98262	Nov 15/74	Modify Rudder Hydraulic Limiter Annunciator Circuit
22-059 Rev 1	97416	No Effect	Replace Roll & Yaw Computers
22-060	97408	No Effect	Change Auto Pitch Mode Synch Wiring
22-064		Nov 15/74	Reconnect DANA Light Wiring
22-A066	97379	Apr 1/74	Deactivate DLC/Auto Spoiler
22-066 Rev 1		Feb 15/75	Reactive DLC/Auto Spoiler
22-067	97379	Nov 15/74	Modify FCES Computer
22-068 Rev 2	97416	Nov 15/74	Install 672315-149 & -151 Roll Computer
22-069 Rev 1	97482	May 15/75	Install 672443-113 Computer
22-070	Not Accepted		Install Mach Validity Prov.
22-072 Rev 2	97470	No Effect	Replace Autothrottle Angle of Attack Sensor
22-075 Rev 1	97497	No Effect	Replace AFCS/MLG Accessory Unit Relay
22-077 Rev 1		Aug 15/76	Install 672443-115 Trim Computer
22-079 Rev 6		Dec 15/80	Installation of High Gross Weight Aircraft Computer - Yaw Computer
22-080	97511	No Effect	Incorporate Collins Service Bulletin No. 35
22-082	97545	Aug 15/76	Install 672314-157, -159, -161, -163, & -165 Pitch Computers
22-083	97563	No Effect	Install 672314-177, -179, -181, -183, & -185 Computer
22-084 Rev 2	97545	May 15/77	Install 672314-167, -169, -171, -173, & -175 Computers
22-085 Rev 7	97723	No Effect	Incorporate 672293-117 & -119 Computers
22-086 Rev 1	97653	Nov 15/78	Install Roll Computers With Collins SB No. 38
22-090 Rev 2	97695	No Effect	Replace AFCS/MLG Access. Unit Sockets & Relays
22-091		Aug 15/77	Install Collins Service Bulletin No. 23
22-093 Rev 1	97755	No Effect	Replace Autothrottle Angle-of-Attack Sensor
22-097	Not Accepted		Install 672314-191, -113, -115, -119, -201 & 203 Computers
22-117		Nov 15/81	Replace Gyro Mounting Bolts, Auto Pilot Accelerometer

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
22-148	Not Accepted		Trim Augmentation Computer Modification to 672443-121 or -123
22-151		No Effect	Modify FCES Computer Wiring
23-002 Rev 1		Sep 1/72	Modify Chime Tone Wiring
23-003 Rev 3	89930	Aug 1/72	Add Galley PA Speaker
23-004 Rev 1	89444	Feb 15/73	Modify MUX Sys Pass. Address Override Test Mode Wiring
23-005 Rev 4		Oct 1/72	Modify High Chime Wiring
23-008 Rev 2	89989	Oct 1/72	Install MUX Cable Stowage Pans
23-010 Rev 1		No Effect	Modify Wire Shielding, UHF & HF Audio Inputs
23-011		Feb 15/73	Add MUX Sys Chime Inhibit Switch
23-012 Rev 1		Apr 15/73	Replace Galley Interph Sys Attend. Handset Cradle
23-013	89448	No Effect	Replace HF Elec Interface Disc.
23-016	89946	Feb 15/73	Modify Eight-inch Speaker Transformer Wiring
23-017	89465	Apr 15/73	Install Galley Interphone Panel Guard
23-018	89485	Feb 15/73	Modify Upper Galley Speaker Wiring
23-019		No Effect	Replace PSS Pwr Supply and Submultiplexer
23-020	89487	No Effect	Change Connector Clocking
23-021 Rev 1	89429	May 15/74	Replace Audio Distribution Unit, Intergrating System
23-022 Rev 3	96377	Jul 15/73	Add Galley PA Speaker
23-023	Not Accepted		Relocate HF Ant Coupler Fault Panel
23-028 Rev 2		No Effect	Modify Flight Interphone Wiring (Hum Reduction)
23-029	97525	No Effect	Inspect/Replace C.B., Pass. Audio Ent. & Serv. System
23-030 Rev 2	Not Accepted		Add Multiplex System Cutoff Switch
23-031 Rev 3	Not Accepted		Modify Cabin & Galley Attendant Handset Cradle
23-032	97519	No Effect	Modify Decoder P3/PSM Connector
23-033	97519	No Effect	Modify P3/PSM Decoder Connector
23-044	97644	No Effect	Inspect/Modify Multiplex Cable
23-045 Rev 1		No Effect	Install Shields, MUX Cable Service Loops
23-046		No Effect	Retention of Pilots Microphone & Handset Cords

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
23-047		No Effect	Modify MUX Wire Shield Ground
23-054 Rev 1		No Effect	Modification HF Antenna Feed
23-063	94443 Information Purposes Only	No Effect	Installation of Additional Hand Held Microphones - Passenger Address System
23-063 Rev 1	94443 Information Purposes Only	No Effect	Installation of Additional Hand Held Microphones - Passenger Address System
23-084	80A23	No Effect	Modify Attendant Handset Cradle Assembly Wiring
23-084 Rev 1	80A23	No Effect	Modify Attendant Handset Cradle Assembly Wiring
23-085	80A36	No Effect	Replace Multiplex System Three Phase Circuit Breaker
23-085 Rev 2	80A36	No Effect	Replace Multiplex System Three Phase Circuit Breaker
23-085 Rev 3	80A36	No Effect	Replace Multiplex System Three Phase Circuit Breaker
24-003	89941	No Effect	Add Ref Des to Wing Leading Edge Ground Panel
24-004 Rev 1	89956	Jun 1/72	Add Generator Failure Panel Vibration Isolators
24-006	89317	No Effect	Replace Hyd Pump Remote Control Circuit Breakers
24-008 Rev 2	89368	No Effect	Install FESC Service Outlets Shield
24-009 Rev 4		Jan 15/73	Revise Galley Power Bus
24-A010	89432	Dec 1/72	Check APU Generator Breaker
24-010	89432	Nov 15/74	Check APU Generator Breaker
24-011 Rev 1	89462	No Effect	Separate DC Bus Feeder Wires
24-013 Rev 1	96102	No Effect	Add Heat Sink Insul to TR Isolation Diode Panel
24-014 Rev 2		Apr 15/73	Install APU Generator Dead Bus Sensing Relay
24-016 Rev 2	96800	No Effect	Install Elec Cont Panel Placard
24-017		No Effect	Change Galley Control Panel Relay
24-018 Rev 1	97409	No Effect	Modify Trans/Rect Iso Diode Support
24-020 Rev 1		No Effect	RCCB Flight Eval

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
24-021		Nov 15/73	Modify Battery Condition Light Wiring
24-022	97433	No Effect	Replace APU 3-Phase Power Breaker
24-023 Rev 8	97409	May 15/74	Modify Generator Underspeed Control
24-024	97536	No Effect	Relocate Battery Ground
24-025 Rev 2	97215	No Effect	Replace ADF Circuit Breaker
24-026 Rev 2	97410	No Effect	Modify Flexible Bus System Insulation
24-027 Rev 2	97411	May 15/74	Add APU Generator Time Delay Relay
24-028	97412	Nov 15/74	Replace APU Isolation Diode
24-030 Rev 4	97413	Aug 15/74	Add Fuses in Generator Cont. & Ind. Circuit
24-030 Rev 5		Aug 15/74	Add Fuses in Generator Cont. & Ind. Circuit
24-032 Rev 1	97426	No Effect	Modify Auxiliary/Standby Battery Charger Wiring
24-033 Rev 3		No Effect	Route AC Power Feeder Cable
24-036 Rev 2	97484	Aug 15/76	Modify Galley AC Pwr Emergency Shutoff System
24-037 Rev 2	Not Accepted		Add Potable Water Circuit Breaker
24-038 Rev 1	97494	No Effect	Modify Seals, MESC Boxes
24-039		No Effect	Add Diode Suppression, IDG & APU Generator
24-040 Rev 3	97505	No Effect	Replace Battery Floor Pan
24-041		No Effect	Replace Battery Nameplate
24-042	97521	No Effect	Replace Engine Generator Control Unit
24-043 Rev 1	Not Accepted		Modify AC Bus Protection Panel
24-044	Not Accepted		Relocate Galley Power Control Circuit Breaker
24-046 Rev 4		May 15/77	Inspect RCCB Torque, Add Placard
24-047 Rev 1		No Effect	Incorporate IDG Brass Slippers
24-048		No Effect	Install Modified Bus Protection Panel
24-049 Rev 1	97662	No Effect	Replace AC Bus Voltage Sensing Relay
24-052		No Effect	Modify Engine and APU Driven Generator

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
24-054 Rev 1	97648	No Effect	Replace DC Transfer & Eng Start Bus Relay
24-055 Rev 2	97637	No Effect	Inspect/Modify Transformer/Rectifier Wiring Separation
24-056		No Effect	Delete Battery Case Ground Wire
24-A058		No Effect	Inspect No. 2 Generator Feeder Cable
24-059 Rev 1	97672	No Effect	Install No. 2 Generator Feeder Cable Shield
24-061 Rev 1	97766	Nov 15/77	Deletion of Generator Bearing Failure Indication - AC Generation - Electrical Power
24-061 Rev 2	97766	Mar 15/81	Deletion of Generator Bearing Failure Indication - AC Generation - Electrical Power
24-062 Rev 1	Not Accepted		Modify Gen System Fault Annunciator Panel
24-063	97772	No Effect	Install 671639-105 Generator Control Unit
24-064	97711	No Effect	Install Four RCCB's
24-066	97711	No Effect	Install Three RCCB's
24-068		No Effect	No. 1 and No. 3 Engine IDG Firewall Connector Modification
24-069	Not Accepted		Replace RCCB's for AC Hydraulic Pump Motors
24-070 Rev 1	Not Accepted	No Effect	Modify Wing TE-to-Fuselage Harness Trough
24-073	80A61	Incor-porated	Separate Wires, Standby Power System
24-073 Rev 1	80A61	No Effect	Separate Wires, Standby Power System
24-073 Rev 2	80A61	No Effect	Separate Wires, Standby Power System
24-074		Nov 15/78	Modify Battery Condition Indication
24-074 Rev 1	97849	Feb 15/82	Modify Battery Condition Indication
24-077		No Effect	Replace Standby Power System DC Relays
24-079	80A68	No Effect	Repositioning Feeder Cable
24-079 Rev 1	80A68	No Effect	Reposition Feeder Cable
24-079 Rev 2	80A68	No Effect	Reposition Feeder Cable
24-080	80A43	Incor-Porated	Replace DC Standby Eng Start Bus & APU Power
24-080 Rev 3	80A43	No Effect	Replace DC Standby Eng Start Bus & APU Power
24-080 Rev 4	80A43	No Effect	Replace DC Standby Eng Start Bus & APU Power

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
24-081		No Effect	Replace Fuel Boost Pump RCCBs
24-081 Rev 1	Not Accepted		Replace Fuel Boost Pump RCCB's
24-082 Rev 1		Mar 15/81	Modify Integrated Drive Generator
24-083	97849	Jun 15/80	Modify Battery & Standby Power Circuit
24-083 Rev 3	97849	Aug 15/82	Modify Battery & Standby Power Circuit
24-083 Rev 4	97849	Aug 15/82	Modify Battery & Standby Power Circuit
24-083 Rev 5	97849	Aug 15/82	Modify Battery & Standby Power Circuit
24-085 Rev 1	94435	No Effect	Install Guard, Gen Sys Failure Annunciator Panel
24-086	97139	No Effect	Installation Generator Feeder Wires - No. 2 Engine
24-087		No Effect	Modify No. 2 Engine Truss Harness Support
24-087 Rev 3	Not Accepted		Modify No. 2 Engine Truss Harness Support
24-088 Rev 2		Aug 15/82	Install Main Bus Connection Bolts
24-089		Sep 15/81	Replace Power Interrupt Time Delay Relay
24-097	97605	No Effect	Additional Clamping APU Generator Feeder
24-098 Rev 3		No Effect	Improve Generator Firewall Connector
24-100 Rev 2		No Effect	Wire Harness Wrapping
24-109		No Effect	Circuit Breaker Panels Wire Harness Tie Downs
24-113		No Effect	Battery Condition Indication Wiring Modification
24-113 Rev 3		Nov 15/89	Battery Condition Indication Wiring Modification
24-114		No Effect	MESC Harness Cable Support Modification
24-117		Sep 15/85	Right Hand Electrical Equipment Rack in FESC- Installation of Bonding Jumper
24-118	70L45	No Effect	Wing Leading Edge Telescoping Tube Wire Harness - Addition of Support
24-120		No Effect	RCCB Type Replacement - Electrical Power
24-120 Rev 1		No Effect	RCCB Type Replacement - Electrical Power

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
24-121		Aug 15/84	Flight Engineer/Second Officers Overhead Circuit Breaker Panel CB2 - Replacement of Row 2 Legend Plate
24-A127	70V80	No Effect	No. 2 Engine and APU Generator Feeder Cables No. 2 Bleed Air Duct Clearance - Inspection/Modification
24-129	Not Accepted	No Effect	MUX Power Supply
24-130	71F29	No Effect	Aircraft Hydraulic Pump Remote Control Circuit Breaker (RCCB) - Inspection Replacement
24-130 Rev 1	71F29	No Effect	Aircraft Hydraulic Pump Remote Control Circuit Breaker (RCCB) - Inspection Replacement
24-130 Rev 2	71F29	No Effect	Aircraft Hydraulic Pump Remote Control Circuit Breaker (RCCB) - Inspection/Replacement
24-131	71J09	No Effect	Wiring/Inspection Modification C2 Cargo Compartment Forward LH Side - Electrical Power
24-133	71B64	No Effect	Afterbody Service Light Wire Installation
24-134	81E32	No Effect	Replace of LS10159-7 and LS10159-10 Three Phase Circuit Breakers
24-135 Rev 1	71F86	No Effect	Number 2 Generator Feeder Cable Routing/Clamping Inspection and Area Wire Harness Inspection
24-139	Not Accepted		Generator System Failure Annunciator Panel, Self Test Switch Replacement - Electrical Power
24-141		Not Accepted	Alternate Type Wire for Repair/Modification
25-000 Rev 13	Not Accepted		Listing of Approval of Supplier Service Bulletins - Supplier Modifications - Equipment/Furnishings
25-001 Rev 1	89922	No Effect	Modify Pass. Compt Fwd Ceiling Panel
25-006 Rev 2	89318	No Effect	Add Fwd Stop & Improved Latch to 2nd Observers Stowage Cont.
25-007 Rev 3	89926	No Effect	Modify Passenger Entry Energy Absorbing Pad
25-008	89947	Oct 1/72	Modify Ceiling Panel Lanyard
25-009 Rev 2	89397	No Effect	Replace Galley Oven Reflector Shield
25-016		No Effect	Mid Cabin Service Center Coffee Maker Stowage Door Retention

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-017 Rev 1	89311	No Effect	Modify Lavatory Drain Seal
25-018 Rev 2	98416	Aug 1/72	Fwd Mid Cabin Coat Closet Stowage Compartments
25-023		Aug 1/72	Install Galley Service Door Safety Strap
25-024 Rev 1	89991	No Effect	Install Coffee Maker Drip Shields
25-025	89992	No Effect	Add Mid Cabin Svce Center Drip Shield
25-026 Rev 1	89309	No Effect	Revise Passenger Entryway Floor Panel
25-027 Rev 3	89302	No Effect	Replace Passenger Door Window Reveal
25-028 Rev 1		No Effect	Modify Fwd Service Center Coffee Maker Door
25-030 Rev 3		No Effect	Add Protective Hood to Fwd Coat Closet Oxygen Bottle Stowage
25-031	89994	No Effect	Add Tether, Galley Egress Access Panel
25-032 Rev 2		No Effect	Relocate Lounge Literature Pockets
25-034 Rev 1		No Effect	Modify Galley Trim & Insulation, Noise Reduction
25-035 Rev 1	89348	No Effect	Modify Lift Enclosure Stabilization Pad
25-036	89978	No Effect	Install FESC Disconnect Panel Dripshield
25-038	89319	No Effect	Modify Capt/FO Sun Visor
25-039 Rev 2	89320	Feb 15/73	Modify Cart Tiedown Cover
25-040 Rev 1	89332	No Effect	Install Flt Sta & Lavatory Doors Bumper
25-041 Rev 1	89334	No Effect	Add Coffee Maker Drip Basin
25-042 Rev 2		No Effect	Modify Pass. Compt Magazine Stowage Rack
25-043 Rev 2	89321	No Effect	Modify Passenger Door Flipper Panel Attach Brackets
25-044 Rev 1	89322	No Effect	Add Spare Lamp Stowage Box
25-045	89323	No Effect	Modify Crew Descent Reel Stowage Compt
25-046 Rev 4	89418	No Effect	Replace FESC Rack Holddown Extractor
25-047	89324	No Effect	Add Girt Bar Latch Protective Cover
25-048 Rev 2	96006	Mar 15/73	Modify Fwd and Center Cargo Compt Threshold Guides

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-049 Rev 3	89325	No Effect	Modify Buffet Galley Lift Enclosure
25-051	89403	No Effect	Modify PSM Tracks
25-052	89362	No Effect	Modify Lavatory Trim
25-054 Rev 1	89392	No Effect	Install Galley Storage Cabinet Slides
25-056 Rev 3	89343	No Effect	Modify Portable Oxygen Bottle Brackets
25-057		No Effect	Replace Cargo Door C-3 Seal Striker
25-058	89370	No Effect	Install Cargo Compt Heating Air Outlet Grille Guards
25-059	89394	No Effect	Modify Galley Attendant Table
25-061	89419	No Effect	Revise Portable Oxygen Bottle Bracket
25-063 Rev 1	89402	No Effect	Modify Mid Svce Center Stowable Doors
25-064	89385	No Effect	Modify Galley Lift Enclosure Trim
25-066	89428	No Effect	Replace Cart Retractable Tiedown Fittings
25-067	89421	No Effect	Modify Lighted Pendant Ordnance Signs Mounting
25-068	89406	No Effect	Install Lavatory Shroud Bumper
25-069 Rev 1	89410	No Effect	Modify Overhead Coat Closet Door
25-070		No Effect	Replace Lavatory Floor Pan Trim
25-071	89391	No Effect	Replace Galley Lift Fault Isolation Unit
25-073 Rev 1		No Effect	Replace Cabin Attendant Seat
25-074	89461	No Effect	Revise AC Svce Outlet Wiring
25-075	89435	Dec 15/73	Modify Cargo Sys Pendant Cont & Relay Box
25-076	96390	No Effect	Modify Oven
25-078	89445	No Effect	Reinforce Lift Encl Cent. Cont Panel
25-079	89444	No Effect	Modify Flt Sta Headset & Chart Holder Stowage
25-080	96008	No Effect	Modify Passenger Evacuation System
25-081 Rev 1	89459	May 15/75	Modify Fwd. Beverage Bar Water Cooler Compt Venting
25-082	89858 96101	No Effect	Modify Upper Supply Module Cup Holder
25-083	96133	No Effect	Modify Upper Supply Module Soap Dispenser
25-084		No Effect	Modify Pass. Cabin Ceiling Panel Hinge and Bolt
25-085	Not Accepted		Add PSM Track Stab. Bars

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-087 Rev 1	89471 99247	Dec 1/72	Modify Cargo Compt Transverse Guides
25-088	89321	No Effect	Modify Pass. Door Flipper Panels
25-090 Rev 1	96333	May 15/73	Modify Coffee Makers
25-092	96147	No Effect	Modify Crew Ashtrays & Cup Holders
25-093 Rev 1		No Effect	Check Pass. Doors Flipper Panel Rigging
25-094		No Effect	Replace Windshield Center Post Trim Cover
25-095	96149	Mar 15/73	Modify Cargo Compt Ceiling & Sidewall Liner
25-096 Rev 2	96150	No Effect	Replace Lift Idler Sprocket
25-098 Rev 1	96300	No Effect	Install Pass. Door Elec. Outlet Covers
25-102 Rev 3		Feb 15/74	Modify Fwd & Center Cargo Compts Bumper Guide
25-103	96302	Apr 15/73	Install Eye Locator
25-105 Rev 3		No Effect	Modify Cargo Pendant Control Assy
25-106 Rev 3		Feb 15/74	Modify Slide/Slide Raft Select Mech
25-108 Rev 2	97205	No Effect	Electrical Bonding of Equipment
25-109		No Effect	Modify Slide/Slide Raft Girt Bar
25-110 Rev 2	96390	No Effect	Replace Modular Oven
25-111	97406	No Effect	Replace Seal, Air Transport Rack Trays
25-112	96304	No Effect	Modify Toilet Shroud
25-114 Rev 1	96851	No Effect	Modify Galley Lift Doors, Hinges & Panels
25-115	Not Accepted		Install Secondary Support for PSM's
25-116 Rev 1		No Effect	Modify Cargo Handling End Stops and Rail
25-117		No Effect	Modify Galley Lift Door Safety Lock Actuators
25-119		No Effect	Install Bumper Guide Strip, Mid Cab Service Center
25-120 Rev 1	96381	No Effect	Modify Fwd & Center Cargo Compt Transverse Guide
25-121		No Effect	Install Acoustic Board
25-123 Rev 1		No Effect	Passenger Doors Flipper Doors, Misc Changes
25-124 Rev 3		No Effect	Cargo Door Threshold Restraint Components Mod Svce Eval

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-125	96841	No Effect	Modify Galley Lift Cage Sensing Tape Sw 1
25-128 Rev 1		Mar 15/73	Install Interphone Panel Drip Shield
25-130 Rev 1	96433	No Effect	Modify Flt Sta Side Console/Kickshield
25-131	96468	No Effect	Replace Flt Crew Seat Drive Actuators
25-137 Rev 5	96842	Feb 15/75	Modify Galley Lift System
25-139	96698	No Effect	Modify Galley Lift Control Module & Rack Assy
25-141 Rev 1	96301	Jun 15/73	Modify Galley Lift Lower Limit Switch
25-142 Rev 1		No Effect	Modified Ball Mat Assy Service Evaluation
25-145	96803	No Effect	Modify Cargo Handling Actuator
25-146 Rev 1		No Effect	Install Moisture Barrier, Galley Refrig/Oven
25-147 Rev 3	96802	Nov 15/74	Modify Cargo Compt Threshold Restraint
25-149	96830 98272	No Effect	Modify PSM Oxygen Door Latch
25-150 Rev 3		No Effect	Replace MESC Drip Pans
25-152 Rev 1	96804	No Effect	Modify APU Compt Ceiling Insulation Supt
25-A155		No Effect	Inspect Flt Compt Trim, Console Side Panel
25-155 Rev 4	96711	No Effect	Modify Side and Center Console Kickshield
25-156 Rev 1	98496	No Effect	Modify Rudder Pedal Trim Panel
25-157 Rev 1	96227	No Effect	Install Passenger Compt Stowage Door Retainer
25-158	Not Accepted		Modify Edges of Ball Mat Assemblies
25-160 Rev 3	98264	No Effect	Install Mid Cabin Cart Stowage Area Drip Panel
25-162	98033	Feb 15/74	Modify PSM Door Hinge and Mask Rack
25-163 Rev 1	98349	No Effect	Install Center Ceiling Trim Panel Moisture Barrier
25-167		No Effect	Modify Galley Lift Cage
25-168 Rev 1	98618	Nov 15/74	Modify Fwd & Ctr. Cargo Fixed Drive System
25-169		No Effect	Modify Approach Chart Holder Wiring
25-173 Rev 3	Not Accepted		Modify Center & Aft Cargo Lock Actuator Insulation

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-176 Rev 1		May 15/75	Modify Threshold Guides Actuators
25-177		No Effect	Modify V.E.S. Projector Installation
25-178	98265	No Effect	Revise Aft Service Center Chassis Grounding
25-179	98266	No Effect	Modify Sun Visor Installation
25-180 Rev 5	98267	Feb 15/75	Modify Cart Retractable Tiedown Bolt Assy
25-182 Rev 2	Not Accepted		EACS and CDU Center Console Mounting Provisions Modifications - Flight Station
25-183 Rev 1	98268	No Effect	Replace Galley Interphone Panel Dripshield
25-184		Sep 15/74	Install Fwd/Aft Lavatory Ash Trays
25-185		No Effect	Replace Cargo Handling System Ball Mat Assemblies
25-186 Rev 1		No Effect	Modify L4 & R4 Door Girt Bar Latch Cover & Adjuster Assy
25-187 Rev 1	98270	No Effect	Modify Galley Lift System Shock Absorber
25-189		No Effect	Modify PWS Shroud, Mid Cabin Service Center
25-191 Rev 1	98839	No Effect	Remove Trim & Insulation, Aft Cabin
25-192 Rev 1	98154	May 15/75	Modify Attendant Seat Restraint
25-195		No Effect	Replace Food Serv. Spec. Seat Locking Roller Stud
25-205 Rev 1	98484	No Effect	Check Girt Ext/Pack Height Emerg Escape Slide
25-206 Rev 1	98444	No Effect	Inspect/Rework Slide/Raft Valise Release
25-208 Rev 1		No Effect	Modify Cargo Loading Control Relay Box
25-209		No Effect	Modify Flight Station Side Window Louvers
25-210 Rev 1	98484 98485	No Effect	Reidentify Slide/Raft Assembly
25-212 Rev 1	98484 98485	No Effect	Apply Heat Shrink Tubing, Slide/Raft Release Pin
25-214 Rev 1		No Effect	Replace/Add Slide/Raft Bottle Support Clamps
25-215	Not Accepted		Galley Lift In-Use Lights Replacement
25-216 Rev 3	Not Accepted		Galley Lift Doors Interlock Warning System Revision
25-216 Rev 4		Dec 15/93	Revise Galley Lift Doors Interlock Warning System

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-221		No Effect	Modify for Latin America Tour
25-222 Rev 3	Not Accepted		Grt Bar Latch Assembly Modification - Emergency Evacuation
25-223		No Effect	Install Shelf Liner Panel, Buffet/Galley Coffee Maker & Warmer
25-224 Rev 4	98918	No Effect	Install Galley Circuit Breaker Panel Drip Shields
25-225 Rev 1		No Effect	Modify Pilots Kickshield Panel
25-227 Rev 1		No Effect	Install Cabin Window Protective Pane Retainer
25-228 Rev 3		Feb 15/77	Modify Cargo Loading Control Relay Box
25-229		No Effect	Modify Coffeemaker
25-230 Rev 3	98740	Aug 15/76	Modify Galley Lift Control Module, Power Unit, & Wiring
25-232	97620	No Effect	Modify Service Outlets Grounding
25-237	Not Accepted		Flight Station Left Hand Dimmer Panel Support Assembly - Drip Shield Installation
25-238 Rev 1		No Effect	Replace Approach Chart Holder Receptacle
25-A239	98649	No Effect	Inspect/Replace Slide Raft Hard Container Release Cable
25-243	Not Accepted		Galley Lift System Shock Absorber Striker Modification
25-244	98822	No Effect	Modify Galley Lift Maintenance Stop
25-246	Not Accepted		Cold Storage Unit Attachment Modification - Buffet Galley
25-251	98863	No Effect	Replace Coffee Maker Circuit Wire
25-253	Not Accepted		Galley Lift Doors Interlock Switch Clearance - Buffet/Galley
25-254	97605	No Effect	Install Wire Harness Shield, FS1660-1885
25-255	Not Accepted		Galley Lift Doors Interlock Switch Striker Relocation - Buffet/Galley
25-256		May 15/77	Modify Sidewall Storage Cabinet Door
25-258	98154	No Effect	Replace Seat Belts, Food Spec. & Below Floor Galley Attend. Seats
25-264		No Effect	Modify Galley Lift Power Units
25-267		Aug 15/77	Relocate FS905 Pass. Compt. Overhead Wire Harness
25-268 Rev 1		No Effect	Modify Latch, Food Service Specialist Seat
25-271 Rev 1		No Effect	Reroute Wire Harness, Fwd & Ctr Cargo Compt Control System
25-272		Aug 15/78	Install Cargo Container Grounding Spring

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-276 Rev 1	99383	Feb 15/79	Install Blowout Panel Grille Guard
25-277		No Effect	Replace Below-Floor Galley Attendant Seat Belt
25-278		Aug 15/78	Inspect/Seal Service Center Seat Track
25-279 Rev 2		Dec 15/80	Modify Lav Entrance Floor to prevent corrosion
25-283	98740	No Effect	Modify Galley Lift Control Module
25-284 Rev 1	Not Accepted		Modification of Spare Lamp/Fuse Holder to Add Smoke Detector Lamps - Miscellaneous Flight Compartment Equipment
25-286		No Effect	Protective Grill Conversion Kit - C-1 & C-2 Cargo Compts
25-287	70K46	No Effect	Cabin Ceiling Stabilization - Ceiling Support Structure - Equipment/Furnishings
25-287 Rev 1	70K46	No Effect	Cabin Ceiling Stabilization - Ceiling Support Structure - Equipment/Furnishings
25-288 Rev 1	Not Accepted		Control Relay Box Modification - Cargo Handling and Stowage Systems
25-291		Nov 15/78	Replace Emerg. Evac. Slides with Slide/Rafts at all Pass. Doors
25-293	97756	No Effect	Install Bell and Howell TV Projector System
25-294 Rev 2		Nov 15/81	Replace Galley Lift Power Drive & Lower Sprocket Assembly
25-297 Rev 2		Feb 15/82	Install Transverse Guide Rail C-1/C-2 Cargo Compt
25-298 Rev 2	Not Accepted		Transverse Guide Rail Support Structure Modification - Forward and Center Cargo Compartments
25-301 Rev 2	Not Accepted		Threshhold Guide/Restraint Assemblies and Ground Loader Alignment Fittings Installation Modification - C-1 and C-2 Cargo Compartments
25-318		Sep 15/81	Replace Ground Loader Alignment Fittings
25-318 Rev 1		Aug 15/82	Replace Ground Loader Alignment Fittings
25-324 Rev 2	94849	No Effect	Modify Insulating Batt, Cargo & Accessory Compartments
25-325 Rev 1	96531 99483	Jun 15/81	Replace Cart Stowage Receptacle Galley Lift Cage

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-326		No Effect	Modify Galley Lift Power Unit & Sprocket Isolator
25-328	96531 96365	No Effect	Replace Fixed Cart Restraint Assembly Receptacle
25-329		No Effect	Modify Galley Lift to Preclude Resistor Overheating
25-331		No Effect	Prevention Modification Floor Corrosion
25-349 Rev 1		No Effect	Remove Sharp Edge on Waste Doors
25-356 Rev 1		No Effect	Escape Descent Devices, Inspection/Placard Installation
25-375	99057	No Effect	Replace Slide/Rafts at All Passenger Doors
25-375 Rev 2	99057 70N56	No Effect	Replace Slide/Rafts at All Passenger Doors
25-377 Rev 1	70A45	No Effect	Replace Nomex Ceiling Liners
25-377 Rev 2	70A45	No Effect	Replace Nomex Ceiling Liners
25-377 Rev 3	70A45	No Effect	Replace Nomex Ceiling Liners
25-380 Rev 1		No Effect	Modify Flight Station Access Door Seal
25-395 Rev 1		No Effect	Modify Galley Lift Door Positions Switch
25-404			Install Blowout Panel Grille Guard
25-407		No Effect	Delete Filters FESC Vertical Air Duct
25-412 Rev 1		No Effect	Modify Overhead Closet Trim
25-416 Rev 1		Aug 15/82	Passenger Cabin Sidewall Dust Seal
25-428		Jul 15/83	Install Blowout Panel Grille, Cargo Compartment
25-429 Rev 1		Aug 15/82	Replace Vinyl Floor Covering
25-436	70G96	No Effect	Installation of Lavatory Upper Shroud Latch System
25-441	70R06	No Effect	Floor Support Slip Joint Modification at FS 1371.0 - C-2 Cargo Compartment
25-443 Rev 2		No Effect	Cargo Compartment Pendant Cable Stowage Modification
25-445 Rev 2		Nov 15/85	Cargo Loading Pendant Stowage Box Installation (C-1, C-2, C-1A)
25-458		No Effect	Improve Cargo Compartment Floor Drain

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
25-462	70L40	No Effect	Lower Fuselage Insulating Batts Relocation, C-3 Compartment
25-462 Rev 1	70L40	No Effect	Lower Fuselage Insulating Batts Relocation, C-3 Compartment
25-462 Rev 2	70L40	No Effect	Lower Fuselage Insulating Batts Relocation, C-3 Compartment
25-463	70L40	No Effect	Lower Fuselage Insulating Batts Relocation, C-2 Compartment
25-463 Rev 1	70L40	No Effect	Lower Fuselage Insulating Batts Relocation, C-2 Compartment
25-464	70L40	No Effect	Lower Fuselage Insulating Batts Relocation, C-1 Compartment
25-464 Rev 1	70L40	No Effect	Lower Fuselage Insulating Batts Relocation, C-1 Compartment
25-465	70J75	Nov 15/89	Cage Top Pressure Sensing Panel Modification - Lift Cages
25-469	70H88	No Effect	Lift Enclosures - Enclosure Door Interlock Switch Incorporation
25-472		No Effect	Galley Litt Cage Floor Service Life Improvement
25-473	70T42	No Effect	Lower Fuselage Insulating Batts Relocation, Underfloor Galley
25-474	70G48	No Effect	Hard Container Trap Door Modification
25-475	70G48	No Effect	Hard Container Trap Door Modification - Type I Slide and Slide Raft Evacuation System
25-476		No Effect	Passenger and Emergency Door Insulation Modification
25-486 Rev 1	70K78	Mar 15/85	Modification of Floor Panels - Mid Electrical Service Center
25-499	Not Accepted		Galley Lift Control Module - Buffet/Galley - Equipment Furnishings
25-517	71F70	No Effect	Inspection and Modification of Cabin Attendants Seat Belts
25-527	71H77	No Effect	C1, C2, C3 Cargo Compartments - Installation of Fiberglass Liners and Blowout Panels
26-002		No Effect	Correct Cross-Connection of Fire Extinguisher Container Wire Harness
26-003 Rev 1	96142	No Effect	Replace Fire Extinguisher Initiator Cartridge
26-004	96805	May 15/74	Modify Galley Smoke Detect Flash Signal Wiring
26-005	96376	No Effect	Modify Eng Fire Detection Loops Wiring

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
26-006 -Rev 1	97417	Aug 15/74	Revise Galley Smoke & Ovht Det Duct Ovht Wiring
26-007 Rev 1		Jun 15/81	Modify Engine Fire Pull Handle Mech Latch
26-008		No Effect	Evaluation of Eng No. 1 & No. 2 Fire Ext Contr Press Gage Changes
26-009 Rev 2	Not Accepted		Engine No. 1 and No. 3 Extinguishing Container Replacement - Fire Extinguishing System
26-010 Rev 3	98427	No Effect	Test Engine Fire Pull Handle
26-A013		No Effect	Inspect Engine/APU Fire Extinguisher Switches
26-016		Jun 15/81	Delete Air Inlet Shutoff Valve
26-018		SEP 15/79	Install Fire Ext. Sys. Condensation Drain Valve
26-019		No Effect	Replacement Fire Extinguisher Test Panel
26-020	94901	Dec 15/80	Control Units Replacement and APU BITE Circuit Modification - Fire Detection System
26-020 Rev 1	94901	Dec 15/80	Control Units Replacement and APU BITE Circuit Modification - Fire Detection System
26-020 Rev 2	94901	Dec 15/80	Control Units Replacement and APU BITE Circuit Modification - Fire Detection System
26-020 Rev 3	94901	Dec 15/80	Control Units Replacement and APU BITE Circuit Modification - Fire Detection System
26-026 Rev 1		Aug 15/82	Deletion of Diodes & Addition of Relay in Test Circuit
26-034		No Effect	No. 1 and No. 3 Extinguisher Containers Replacement
26-036		Nov 15/89	Installation of Fire Detector Segment for Engine No. 1, 2, and 3 Gearbox
26-038	81E96	Jun 15/93	Replacement of APU Fire Warning Horn
26-038 Rev 1	81E96	Jun 15/93	Replacement of APU Fire Warning Horn
27-000 Rev 37		No Effect	Flight Controls - Supplier Modifications - Listing and Approval of Supplier Service Bulletins
27-000 Rev 38		No Effect	Flight Controls - Supplier Modifications - Listing and Approval of Supplier Service Bulletin
27-002 Rev 2	89908	No Effect	Modify Inboard Flap Actuator Gearbox Mounting Lug

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
27-003 Rev 1		No Effect	Modify Ail. & Pitch Trim Sys Potentiometer
27-004 Rev 2	89928	No Effect	Replace Pitch Sys Rotary Damper
27-005 Rev 2	89973	No Effect	Replace No. 3 Spoiler Hinge
27-006	89940	No Effect	Install No. 2 Spoiler Servo Actuator Anti-Vibration Support Brackets
27-008 Rev 1	89946	No Effect	Install Spoiler Servo Kit
27-009 Rev 2	89955	No Effect	Replace Slat PDU & Angle Gearbox
27-010 Rev 3	89966	No Effect	Modify Outbd Ail. Travel
27-011 Rev 1	89995	No Effect	Add Hyd Tubing Clamps
27-016	89378	Oct 1/72	Replace Rudder Pedals
27-017 Rev 1	89349	No Effect	Modify Elevator Drive Cable Rod Ends Attach Point
27-018	89384	No Effect	Modify Rudder Position Sensor Wiring
27-019 Rev 2	89434	Dec 1/72	Modify Flap LRS Annunciation & Computer
27-020 Rev 1	89438	No Effect	Install Ail. Hyd Actuator Flex Tubing Restraints
27-021 Rev 2	89443	Feb 15/73	Replace Rudder Hyd Fuse Diff. Press. Sensing Check Valve
27-022	89408	No Effect	Add Ail. Trim Fairlead Stop
27-023		Nov 15/73	Modify Flap Power Drive Unit
27-025 Rev 1	96047	No Effect	Inspect Roll Limiter Bungee Rod Assy
27-026	96032	No Effect	Replace Ail & Trim Bungee Nuts
27-027 Rev 1		No Effect	Modify Aft Coupler Crank Retention
27-029	96334	Jun 15/73	Retain Inverted Bolts, Roll Trim Actuator & Spoiler Selector Assy
27-030 Rev 1		No Effect	Install No. 1 Spoiler Drive Mech Torque Tube Support Bracket Assy
27-031		No Effect	Replace Pitch Feel Trim Assy Motor Generator
27-032		Jul 15/73	Replace Flap/Slat Cable Break Detector Solder Connection
27-A035		No Effect	Inspect Flap & Vane Carriage Roller
27-035 Rev 2	96117	May 15/73	Modify Flap & Vane Lock Washer
27-036 Rev 2	96354	Apr 15/73	Modify Autopilot Limiter Switch Wiring & Mechanical
27-037 Rev 2	96119	No Effect	Inspect Horiz Stab Pwr Servo Summing Beam

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
27-038	96308	No Effect	Inspect Rudder Stop Assy for Inverted Bolts
27-039	96118	No Effect	Modify Flap/Slat Asymmetry Rotary Transducer
27-041		Jul 15/73	Modify Flap LRS Actuator Linkage
27-042 Rev 2		No Effect	Modify Speed Brake Lever Installation
27-043	96309 96336	No Effect	Inspect Spoiler Elec Actuator
27-044	96375	No Effect	Replace Spoiler No. 5 Quiescent Flowmeter
27-A045		No Effect	Inspect Pitch & Roll Handles
27-045 Rev 2	96192	No Effect	Replace Pitch & Roll Handles
27-046 Rev 1		No Effect	Modify Rudder Stop Assy
27-047 Rev 1		May 15/75	Inspect Control Wheels
27-048 Rev 2		No Effect	Inspect Control Wheels
27-050 Rev 1	96379	No Effect	Replace Spoiler Servo Cont Valve
27-051 Rev 3	Not Accepted		Slat Start Up Extend/Retract Switches - Wiring Modification
27-052	96349	No Effect	Replace Ail. Trim & Feel Bungee
27-053 Rev 2	96389	No Effect	Replace Flap Vane Actuator
27-055 Rev 1	98359	No Effect	Replace Control Wheel
27-056		No Effect	Modify Control Column Roll Control Rod
27-057 Rev 1	Not Accepted		Surface Position Indicating System Wiring Modification, LH Spoiler No. 4
27-058 Rev 1	96485	No Effect	Replace Aileron Control Protector Shaft
27-059 Rev 1	96581	No Effect	Eliminate Rudder Cable Interference
27-060 Rev 1	96807	Nov 15/73	Replace Flap & Slat Control Asymmetry Comparators
27-061 Rev 1	96667	No Effect	Modify PDU Leading Edge Slat Control System
R 27-062 Rev 3		No Effect	Flap Asymmetry Brake Environmental Sealing
27-064	96582	No Effect	Replace LE Slat Asymmetry Brake
27-065 Rev 2	96808	No Effect	Install Pitch & Roll Disconnect Cover

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
27-066 Rev 3	96809	No Effect	Replace Inbd Ailerons & Rudder Servo Control Modules
27-069 Rev 2	98275	No Effect	Replace DFDR Potentiometers; Aileron, Stabilizer, Rudder
27-070		No Effect	Install Additional Actuator Linkage Spring
27-072 Rev 1	96810	Sep 15/73	Modify Surface Pos Indicating Wiring
27-073 Rev 1	96811	No Effect	Replace Control Column Roll Control Rod
27-074 Rev 1	96866	No Effect	Rework Horiz Stab Aft Pitch Coupler Switch
27-075 Rev 1		No Effect	Install Stick Shaker Cover
27-076	98276	No Effect	Inspect Horiz Stab System for Mislocated Rig Pin Holes
27-077	96812	No Effect	Add Bolt Retention Clips, Aileron Bungee Override Interconnection
27-078	98613	No Effect	Modify Rudder Control Input Rod
27-079 Rev 1	98641	No Effect	Replace Ail Cont Sys Push Rod Fasteners
27-082		No Effect	Inspect/Add Elev Cont Sys Rigging Hole
27-A083 Rev 1		No Effect	Inspect RH Inbd Aileron Actuators
27-083 Rev 2	96887	Sep 15/73	Install Decals & Clamp Blocks, Ail & Rudder Hyd Lines
27-084 Rev 1	Not Accepted		Modification of Flaps Load Relieving System
27-085 Rev 2	Not Accepted		Spoiler System Electrical Actuator Replacement
27-087 Rev 3	98346	No Effect	Repair LE Slat PDU Housing Boss Threaded Inserts
27-088 Rev 1	Not Accepted		Replacement of Nameplate - Control Surface Damper
27-089 Rev 2	98279	No Effect	Inspect/Adjust Rudder Pedals
27-090	98280	No Effect	Replace Speed Brake Input Rod Assy HiLok
27-091		No Effect	Replace Asymmetry Comparators
27-092 Rev 1	98015	No Effect	Inspect Speed Brake Lever Aural Warning Switch Operation
27-093 Rev 2	99000	No Effect	Install Secondary Retention, Inverted Bolts
27-094	Not Accepted		Rework of Speed Brake Lever Grip - Speed Brake Control System
27-095 Rev 1	98087	No Effect	Rework Pilots Flap Control Lever

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
27-096 Rev 1		May 15/74	Inspect No. 1 Spoiler Control Sys Controlex Cable
27-097	98283	Aug 15/74	Modify Pilot's Pitch Trim Wheel Interconnect Shaft
27-101 Rev 4	98642	May 15/77	Revise No. 1 Spoiler Warning Override Bungee
27-A102	98090	No Effect	Inspect Pitch & Roll Disconnect Cable Attachments
27-103	98284	No Effect	Replace Right Inbd Aileron Servo Control Module
27-106	Not Accepted		Cable Pulley Inspection/Modification - Aileron Trim Control System
27-107 Rev 1	Not Accepted		Inspection/Replacement of Flap Inboard Forward Ballscrew Support Assembly
27-108 Rev 3	99022	Feb 15/78	Modification for Three Degrees Up Neutral Position - Outboard Aileron Servo System
27-108 Rev 4	99022	May 15/89	Modification for Three Degrees Up Neutral Position - Outboard Aileron Servo System
27-108 Rev 5	99022	May 15/89	Modification for Three Degrees Up Neutral Position - Outboard Aileron Servo System
27-108 Rev 6	99022	May 15/89	Modification for Three Degrees Up Neutral Position - Outboard Aileron Servo System
27-108 Rev 7	99022	May 15/89	Modification for Three Degrees Up Neutral Position - Outboard Aileron Servo System
27-109 Rev 1	Not Accepted		Aft Drive Quadrant Modification - Elevator Control System
27-111	Not Accepted		No. 5 Slat Indicator Terminal Block Relocation
27-113	Not Accepted		No. 1 Spoiler Control System Replacement of Controlex Cable
27-114 Rev 1,SC1		Incor-porated	Inspect/Replace Outboard Aileron Hydraulic Actuator
27-114 Rev 2		No Effect	Inspect/Replace Outboard Aileron Hydraulic Actuator
27-114 Rev 3		Incor-porated	Inspect/Replace Outboard Aileron Hydraulic Actuator
27-115 Rev 2	98520	No Effect	Spoiler and Speed Brake Control System Modification of Servo Control Assembly
27-117 Rev 1	71K55	No Effect	Inspect/Modify Pitch Feel/Trim Assembly

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	27-118 Rev 1		Aug 15/75	Conversion for Inoperative Flap LRS
	27-119		No Effect	Modify Mechanical Pitch Feel/Trim Assy.
	27-121 Rev 3		Aug 15/78	Lubricate Flap Swing Link Attach Pin
	27-122	Not Accepted		Aileron Control System Modification Of Bungee Assembly
	27-A123 Rev 2	98492	May 15/75	Inspect Linkage, Spoiler Mixer
	27-124	Not Accepted		Modify Wiring, Aileron Autopilot Limiter Switch
	27-A126	98516	No Effect	Inspect Hydraulic Dampers
	27-126 Rev 3		No Effect	Modify Control Surface Dampers
R R	27-129 Rev 10	Not Appli-cable		Deactivate Flap Load Relieving System (LRS)
	27-130 Rev 2		Mar 15/81	Replace Outboard Aileron Control Cable
	27-133 Rev 1	Not Accepted		Inspection/Modification of Aileron Torque Limiter Support Structure
	27-A134		No Effect	Inspect/Rework Pitch Feel/Trim Synch. Torque Tube
	27-135	Not Accepted	No Effect	Inspect/Modify Aileron Aft Bellcrank Shaft Support
	27-136 Rev 2		No Effect	Modify Flap Power Drive Unit
	27-138	98757	No Effect	Pitch Aft Coupler Assembly, Logic Arm Modification - Horizontal Stabilizer Control System
	27-138 Rev 1	98757	No Effect	Pitch Aft Coupler Assembly, Logic Arm Modification - Horizontal Stabilizer Control System
	27-138 Rev 2	98757	No Effect	Pitch Aft Coupler Assembly, Logic Arm Modification - Horizontal Stabilizer Control
	27-139 Rev 6	99019	Feb 15/78	Modify Rudder Hydraulic Limiter System
	27-139 Rev 8	99019	Mar 15/81	Modify Rudder Hydraulic Limiter System
	27-139 Rev 9	99019	May 15/82	Modify Rudder Hydraulic Limiter System
	27-139 Rev 10	99019	Incor-porated	Modify Rudder Hydraulic Limiter System
	27-139 Rev 11	99019	Incor-porated	Modify Rudder Hydraulic Limiter System

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
27-139 Rev 12	99019	Incor-porated	Modify Rudder Hydraulic Limiter System
27-139 Rev 15	99019 70L04	Incor-porated	Modify Rudder Hydraulic Limiter System
27-139 Rev 17		No Effect	Modify Rudder Hydraulic Limiter System - Rudder and Trim
27-139 Rev 18		Mar 15/91	Modify Rudder Hydraulic Limiter System - Rudder and Trim
27-139 Rev 19		Mar 15/91	Modify Rudder Hydraulic Limiter System - Rudder and Trim
27-140 Rev 6		Feb 15/78	Modify Flap Control Switch Module
27-141 Rev 3	98767	No Effect	Modify Flap Asymmetry Brake End Cover Plate
27-144		Feb 15/77	Modify Flap/Slat Asymmetry Rotary Transducer
27-A145		No Effect	Inspect/Modify Hydraulic Restrictor, Rudder Actuator
27-147		No Effect	Modify Hyd. Tube Assy., Rudder Actuator
27-149	Not Accepted		Inspection, Linear and Functional Checks - Limiter Bungee Rod Assembly
27-150	Not Accepted		Install Stop Assemblies, Autopilot Limiter Switch Mech.
27-151		Aug 15/78	Modify FS529 Aileron & Trim Fairle Roller
27-154 Rev 1		No Effect	Reroute Rudder Limiter Hydraulic System Wiring
27-157	Not Accepted		Inspection and Repair Aileron and Trim Bungee Assembly
27-A158 Rev 2		Feb 15/78	Inspect Elevator Control System
27-158 Rev 1		Feb 15/78	Modify Elevator Lower Aft Drive Quadrant
27-159		Sep 15/80	Install Elevator Position Warning System
27-161	99989	No Effect	Relocate No. 4 Spoiler Position Transmitter
27-162	70E84	May 15/87	Inboard Aileron Uprig
27-162 Rev 3	70E84	May 15/87	Inboard Aileron Uprig
27-165	99022	No Effect	Inspect/Modify Rudder Sta. 82.3655 Hinge Rib
27-166	94796	Feb 15/82	Modify Elevator Pushrod & Pivot Pin
27-167 Rev 1	Not Accepted		Include 14 Degree Flap Setting Capability
27-169 Rev 2	99021	Mar 15/81	Delete Rudder Mechanical Limiting System

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
27-169 Rev 3	99021	Apr 15/85	Delete Rudder Mechanical Limiting System
27-169 Rev 4	99021 99885	Incor-porated	Delete Rudder Mechanical Limiting System
27-169 Rev 5	99885	Incor-porated	Delete Rudder Mechanical Limiting System
27-170		Sep 15/80	Modify Flt Cont Panel Wiring, Rudder Mech Limiting
27-171	99541	No Effect	Control Rod Bushing Installation - Pitch Auto Pilot Summing Beam
27-171 Rev 1	99541	No Effect	Control Rod Bushing Installation - Pitch Auto Pilot Summing Beam
27-171 Rev 2	99541	No Effect	Control Rod Bushing Installation - Pitch Auto Pilot Summing Beam
27-171 Rev 3	99541	No Effect	Control Rod Bushing Installation - Pitch Auto Pilot Summing Beam
27-173 Rev 3		Feb 15/82	Modify Cabability of DFDR Pitch Potentiometer
27-174 Rev 2	96200	Aug 15/81	Installation Indication System
27-177	96356	No Effect	Install Pitch Cable Anti-Foul Ramp
27-178	Not Accepted		Verification of Pitch Override Bungee Fasteners
27-179	Not Accepted		Improve DFDR Potentiometer Installation
27-180 Rev 1	98560	No Effect	Modify Power Drive Unit Switchboxes & Start-Up Switch Assemblies
27-185 Rev 2		Jun 15/81	Relocate DFDR Potentiometer
27-187	96894	No Effect	Inspect Adjust Output Crank Assembly
27-188 Rev 2	99113	Sep 15/80	Adjust Flap Actuator Ballscrew Carriage
27-195 Rev 1	99884	No Effect	Install Spoiler & Speedbrake Control System
27-197 Rev 1		No Effect	Modification of Flap Asymmetry Brake Assembly and Wiring Routing to Asymmetry Brake and Fuel Jettison Valve - Flaps - Flight Controls
27-198		Nov 15/81	Inspect/Modify Rudder Trim Actuator Assembly
27-208	96200	No Effect	Inspect/Modify Spoiler Actuator Servo Control
27-208 Rev 1		Incor-porated	Inspect/Modify Spoiler Actuator Servo Control
27-214	99997	Jun 15/81	Modify Flap/Slat Asymmetry Indication
27-214 Rev 2	99997	Aug 15/82	Modify Flap/Slat Asymmetry Indication

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	27-214 Rev 3	99997 94655	Incor-porated	Modify Flap/Slat Asymmetry Indication
	27-214 Rev 5	99997 94655	Incor-porated	Modify Flap/Slat Asymmetry Indication
	27-216		No Effect	Modify/Inspect Slat Asymmetry Brake Torque
	27-222 Rev 1		No Effect	Modify DLC Servo Output Rod & Override Bungee
	27-224 Rev 1		No Effect	Modify Pitch Control Override Bungee
	27-231	94709 94783	No Effect	Inspect/Modify Retainer Installation Rudder System
	27-232 Rev 1		Nov 15/81	Additional Sealing Flap Asymmetry Brake
	27-233		No Effect	Additional Support Rudder Adjustment Cable
	27-235 Rev 2	70B43	May 15/82	Inspect Elevator Horn Pivot Pin
	27-235 Rev 3	70B43	May 15/82	Inspect Elevator Horn Pivot Pin
	27-240		No Effect	Replace Load Relieving System Computer
	27-241	70B53	No Effect	Modify Spoiler Mixer Roller Cam Rig Pin Hole
	27-241 Rev 2	70B53	No Effect	Modify Spoiler Mixer Roller Cam Rig Pin Hole
	27-242		No Effect	Modify Outboard Servo Control Actuator Assembly
	27-244		No Effect	Install Rudder Pulley Shield
	27-245		Nov 15/85	Spoiler and Speedbrake Control System - Servo Actuator Eccentric Bolt Adjustment Improved Lock
	27-248	70L20	No Effect	Modification of Surface Flutter Dampers and Installation of Decals - Aileron and Trim
	27-248 Rev 1	70F48	No Effect	Modification of Surface Flutter Dampers and Installation of Decals - Aileron and Trim
	27-251	70G62	No Effect	Modify (DLC) Servo Input Control Rod
	27-251 Rev 1	70G62	No Effect	Modify (DLC) Servo Input Control Rod
	27-251 Rev 2	70G62	No Effect	Modify (DLC) Servo Input Control Rod
R R R	27-254	71A82	May 15/87	Bellcrank Bearing Lubrication Provision - Spoiler and Speedbrake Control - Flight Controls

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
R R	27-254 Rev 4	Not Accepted		Bellcrank Bearing Lubrication Provision - Spoiler and Speedbrake Control - Flight Controls
R R R	27-254 Rev 5	71A82	No Effect	Bellcrank Bearing Lubrication Provision - Spoiler and Speedbrake Control - Flight Controls
	27-255		No Effect	Modify Spoiler Control Bracket Assembly
	27-256		No Effect	Inboard Flaps Yoke to Carriage Orientation Inspection - Flap Control System
	27-256 Rev 1		No Effect	Inboard Flaps Yoke to Carriage Orientation Inspection - Flap Control System
	27-258	70F42	No Effect	Modify Elevator Push Rod Assembly
	27-258 Rev 1	70F42	No Effect	Modify Elevator Push Rod Assembly
	27-259		No Effect	Scissors Bracket Assembly Bolts Inspection/Modification - Spoiler and Speed Brake Control System
	27-259 Rev 1		No Effect	Scissors Bracket Assembly Bolts Inspection/Modification - Spoiler and Speed Brake Control System
	27-260		No Effect	Flaps Asymmetry Brake Reducer Drain
	27-260 Rev 1		No Effect	Flaps Asymmetry Brake Reducer Drain
	27-262			Alternate Trailing Edge Flap Position Indicating System
	27-263	70E57	No Effect	Install/Inspect Flap Dual Rod to Control Quadrant
	27-263 Rev 1	70E57	No Effect	Install/Inspect Flap Dual Rod to Control Quadrant
	27-263 Rev 2	70E57	No Effect	Install/Inspect Flap Dual Rod to Control Quadrant
	27-265		No Effect	Leading Edge Slat Control System - Leading Edge Slat Actuator Modification - Flight Controls
	27-265 Rev 1		No Effect	Leading Edge Slat Control System - Leading Edge Slat Actuator Modification - Flight Controls
	27-266		No Effect	Inboard and Outboard Slat Actuator Modification - Leading Edge Slat Control System
	27-267		No Effect	Upper Arm Inspection/Modification - Pitch System Pressure Bellcrank - Flight Controls
	27-269	70J07	No Effect	Brake Lining Replacement - Slat Asymmetry Brakes

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
27-269 Rev 1	70J07	No Effect	Brake Lining Replacement - Slat Asymmetry Brakes
27-272		No Effect	Flap Control Lever Tracks - Modification of Zero Degree Detent Notch
27-274	70J07	No Effect	Grease Seal Replacement - Slat Asymmetry Brakes
27-274 Rev 1	70J07	No Effect	Grease Seal Replacement - Slat Asymmetry Brakes
27-277		Nov 15/83	Inboard Aileron Servo Rod Inspection/Modification
27-278		Aug 15/86	Slat PDU Brake Cavity Overboard Drain Modification
27-280		No Effect	Interlock Bungee - Modification - Stabilizer Servo Cross-Tie
27-281		No Effect	Spoiler and Rudder Deflection Limiters-Actuator Position Switch Replacement
27-283	70N57	Nov 15/85	Slat Actuator Extend Tube Lube Holes
27-284		No Effect	Slat Actuator Special Drive Shaft Lubrication Procedure
27-290	70W12	No Effect	Horizontal Stabilizer Control System - Modification of Torque Tube Assembly
27-294	71A76	No Effect	Leading Edge Slat Asymmetry Brake, Lever Inspection
27-294 Rev 1	71A76	No Effect	Leading Edge Slat Asymmetry Brake, Lever Inspection
27-296		No Effect	Flap Yoke Sealing - Flight Controls
27-297 Rev 2		Mar 15/91	Flap Asymmetry Brake
27-300		No Effect	Flap/Slat Asymmetry Comparator Replacement
27-302		No Effect	Trailing Edge Flaps - Asymmetry Brake Modification
27-304	71N73	No Effect	Inspection/Replacement of Lower Horizontal Stabilizer Actuator Pins
27-304 Rev 1	71N75	No Effect	Inspection/Replacement of Lower Horizontal Stabilizer Actuator Pins
28-001 Rev 1	89967	Jun 1/72	Install Fueling Manifold Orifice Plug
28-002	89327	No Effect	Relocate Inbd Tank Scavenge Line
28-003 Rev 2	89437	Oct 1/72	Modify Fuel Sight Gage Installation
28-004	89491	Oct 1/72	Install Fueling Valve Float Switch Bypass Switches
28-005 Rev 1	96279	No Effect	Modify Boost Pump

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
28-006 Rev 3		Nov 15/73	Install Test Port Drain Shutoff Valve
28-007	96311	No Effect	Replace Fuel Quan Gage Signal Conditioner
28-008 Rev 1	96393	Sep 15/73	Replace Fuel Level Control Switch
28-009 Rev 3		Jul 15/73	Replace Fuel Quantity Tank Units
28-A010		No Effect	Inspect Main Fuel Boost Pumps
28-010		No Effect	Inspect Main Fuel Boost Pumps
28-011		Apr 15/73	Install Fuel Level Sight Gage Support
28-013		Nov 15/73	Modify Fuel Tank No. 2 Surge Box Flapper Valve
28-014	96832	No Effect	Inspect/Replace Fuel Transfer Valve
28-015 Rev 3	96833	Nov 15/73	Add Wiring Disconnect for Fuel Probe Testing
28-016	96834	No Effect	Replace Fuel Calibration Stick
28-017	96311	No Effect	Replace Fuel Signal Conditioner
28-019 Rev 1	98204	Aug 15/74	Delete APU Fuel Boost Pump
28-020	96829	No Effect	Replace Main Fuel Booster Pumps
28-021 Rev 4	98286	Aug 15/77	Inspect/Replace Seals, No. 2 Eng Fuel Feed Line & Shroud
28-022 Rev 1		No Effect	Inspect/Modify No. 2 Engine Fuel Feed Line
28-A023		No Effect	Inspect Wire Insulation, Full Boost Pumps Installation
28-023		No Effect	Inspect for Defective Boost Pump Wire Insulation
28-024 Rev 2	97424	Feb 15/75	Modify Fuel Probe Harness
28-026	Not Accepted		Modification of Engine No. 2 Hose Assembly
28-028		No Effect	Replace Backshell, Fuel Quantity Ind
28-029 Rev 1		Dec 15/79	Replace Pressure Fueling Adapter Breakaway Flange
28-030		May 15/89	Clearance Inspection/Modification at FS 1860 Bulkhead - No. 2 Engine Fuel Line
28-030 Rev 1		Feb 15/76	Clearance Inspection/Modification at FS 1860 Bulkhead - No. 2 Engine Fuel Line
28-031 Rev 2		No Effect	Change Plug-in Fuel Boost Pump Elec Connector
28-032		No Effect	Modify Wing Pylon Fairing Fuel Drain Hose

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
28-033 Rev 1	98677 98681	No Effect	Replace Fuel Tube Assembly
28-034 Rev 1		No Effect	Inspect/Replace Fuel Distribution Tube Assy
28-036 Rev 6		Mar 15/81	Install Center Section Fuel System
28-038 Rev 4		No Effect	Fuel System Mod. Integrating SB (Record Only)
28-039 Rev 5		Jun 15/80	Install Electrical Components, Wiring Mod., Center Section Fuel System
28-040	99562	No Effect	Install Bonding Jumpers, Tank 2L & 2R
28-044		No Effect	Fuel Leakage Supplementary Protection
28-045		Feb 15/77	Install Fuel Quantity Probe Strap
28-048	96327	Mar 15/80	Inspect/Remove Fuel Tank Contamination
28-049		No Effect	Inspect/Replace Seal, No. 2 Eng Fuel Feed Line/Shroud
28-051 Rev 2	97733	Feb 15/79	Modify Fuel Low Level Ind. Light and Wiring
28-053		Sep 15/82	Replace Fuel Tank No. 1 and No. 3 Connector
28-054 Rev 1	96136	Sep 15/79	Modify Fuel Jettison Panel
28-056 Rev 2		Dec 15/80	Modify Fueling/Defueling Indicators Power Circuit
28-058	96330	No Effect	Modify APU Fuel Line Support
28-060	99257	No Effect	Inspect/Replace Fuel Feed Fitting and Connector
28-060 Rev 1	99257	No Effect	Inspect/Replace Fuel Feed Fitting & Connector
28-060 Rev 2	99257	No Effect	Inspect/Replace Fuel Feed Fitting & Connector
28-062 Rev 4	98749	No Effect	Inspect/Modify Fuel Shutoff Valve, Plug in Assembly
28-062 Rev 5	98749	No Effect	Inspect/Modify Fuel Shutoff Valve, Plug in Assembly
28-062 Rev 6	98749	No Effect	Inspect/Modify Fuel Shutoff Valve, Plug in Assembly
28-062 Rev 7	98749	No Effect	Inspect/Modify Fuel Shutoff Valve, Plug in Assembly
28-067		No Effect	FE/SO Fuel Panels - Replacement of Square Switchlight Guards
28-067 Rev 1	Not Accepted		FE/SO Fuel Panels - Replacement of Square Switchlight Guards

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	28-068	99257	No Effect	Pressure Fueling System - Inspection Replacement of Connector
	28-068 Rev 1	99257	No Effect	Pressure Fueling System - Inspection Replacement of Connector
	28-071	70K99	No Effect	Center Section Fueling System - Replacement of Fueling Tubes
	28-072	70L25	May 15/85	Engine No. 1 and No. 3 Fuel Line Breakaway Fitting Inspection/Replacement - Engine Feed System
	28-074		Rejected	Engine No. 2 Firewall Fuel Shutoff Valve Wire Modification - Engine Feed System - Fuel
	28-074 Rev 1		Rejected	Engine No. 2 Firewall Fuel Shutoff Valve Wire Modification - Engine Feed System - Fuel
	28-074 Rev 2		Rejected	Engine No. 2 Firewall Fuel Shutoff Valve Wire Modification - Engine Feed System - Fuel
	28-074 Rev 3		Rejected	Engine No. 2 Firewall Fuel Shutoff Valve Wire Modification - Engine Feed System - Fuel
	28-074 Rev 4		Rejected	Engine No. 2 Firewall Fuel Shutoff Valve Wire Modification - Engine Feed System - Fuel
	28-080		No Effect	Fueling Valve Retainer and Decal
	28-081	Not Accepted		Tank 1A and 3A Fuel Quantity Monitor Panel Installation - Fuel Quantity Indicating System
	28-081 Rev 1	Not Accepted		Tank 1A and 3A Fuel Quantity Monitor Panel Installation - Fuel Quantity Indicating System
P R	28-087	71J18	Dec 15/95	Fuel Quantity Indicating System Wire Harness Repair/Modification
R R	28-087 Rev 1	71J18	Dec 15/95	Fuel Quantity Indicating System Wire Harness Repair/Modification
R	28-087 Rev 2	71J18	Dec 15/95	Fuel Quantity Indicating System Wire Harness Repair/Modification
	29-000 Rev 12		No Effect	Listing and Approval of Supplier Service Bulletins - Supplier Modifications - Hydraulic Power
	29-000 Rev 13	Information Purposes Only		Listing and Approval of Supplier Service Bulletins - Supplier Modifications - Hydraulic Power

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
29-000 Rev 14	Information Purposes Only		Listing and Approval of Supplier Service Bulletins - Supplier Modifications - Hydraulic Power
29-001 Rev 2	89945	Feb 15/74	Revise Hydraulic Temp Ind & Warning System
29-003	89939	No Effect	Install Hyd Reservoir Suction Line Clamps
29-004 Rev 1	89938	No Effect	Replace ATM Controller
29-005	89959	Jun 1/72	Revise RAT Unlock Light Circuit
29-006	89458	No Effect	Replace PTU Manifold
29-007 Rev 1		No Effect	Modify ATM & Elect Motor Pumps Ripple Damper
29-008	89964	No Effect	Replace Rudder Fusing Shutoff Valve
29-010	89340	Oct 1/72	Improved ATM Exhaust Duct Exit Screen
29-012 Rev 1	89453	Feb 15/73	Install RAT Auto Reset Circuit
29-015	89393	No Effect	Revise Tubing Support Bracket
29-018 Rev 1	89395	No Effect	Modify PTU Valve Block
29-019		May 15/73	Replace AC Motor-Pump
29-021	89442	No Effect	Change FESC Elec Connector Clocking
29-022 Rev 2		No Effect	Install Ripple Filter, No. 2 Engine Driven Hyd Pumps
29-023 Rev 1	96109	No Effect	Replace Hyd Sys B Brake Return Line
29-024	96368	No Effect	Replace High Press. Filter Case Drain Delta-P SW
29-025	96134	No Effect	Add Hyd Sys C AC Pressure Pump Hose Support
29-026 Rev 1		No Effect	Relocate Ind Sys Terminal Module
29-027 Rev 1	96312	No Effect	Replace RAT Door Control Rod Bolt
29-028 Rev 2	Not Accepted		Hydraulic Valve Firewall Shutoff Valve Replacement
29-029 Rev 2		No Effect	Modify ATM Speed Sensor
29-030 Rev 4	96563	No Effect	Replace System "B" Bootstrap Reservoir
29-031 Rev 3	96751	Nov 15/74	Replace Hydraulic Reservoir Depressurization Valve
29-032		No Effect	Replace "B" Brake System Return Line
29-036 Rev 2	96815	Nov 15/73	Modify Pivot Connection, Ram Air Turbine Actuator

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
29-037 Rev 3	96836	May 15/74	Install Isolation Valve in "C" Hydraulic System
29-037 Rev 4	96836	May 15/89	Install Isolation Valve in "C" Hydraulic System
29-A039 Rev 1		No Effect	Inspect RAT System Priority Valve
29-040 Rev 3	96837	Nov 15/73	Install Pump Press & Rudder Fusing Aux Accumulator
29-041	98218 98289	No Effect	Positive Nut Retention, RAT Control Module
29-042 Rev 3	96839	Nov 15/73	Remove Suction Line Check Valve, Hyd Power
29-043 Rev 1	96840	Sep 15/73	Delete Case Drain Filter Diaphragm
29-044	98290	Nov 15/74	Add Brake Return Line Check Valve
29-045 Rev 4	98291	Nov 15/74	Replace Hyd Reservoir Depress Valve
29-047 Rev 1	98292	Aug 15/74	Replace ATM Controller
29-048	98405	Aug 15/74	Replace RAT System Switchguard
29-051 Rev 1	98293	No Effect	Replace Firewall Hydraulic Shutoff Valve
29-052 Rev 2	98376	No Effect	Install Anti-Vibration Supports, No. 1 & No. 2 Spoiler Servo Plumbing Lines
29-054 Rev 1	Not Accepted		Main ATM Electronic Controller Replacement
29-055	98511	No Effect	Modify Hydraulic "C" System Isolation Valve
29-056 Rev 3	98769	Nov 15/76	Inspect/Replace ATM Exhaust Duct
29-058		No Effect	Modify ATM Controller
29-059	Not Accepted		Trihub Burst Prevention Modification - Air Turbine Motor (ATM)
29-060	96952	No Effect	Inspect/Modify Ram Air Turbine
29-061 Rev 1	99569	No Effect	Modify Hydraulic Return Filter Module
29-064 Rev 2	99523	No Effect	Revise No. 1 Spoiler System Flexible Tube Support
29-065 Rev 4	70K82	Apr 15/85	Main Landing Gear Truck Leveler and Down Lock Hydraulic Pressure Lines - Installation of Hydraulic Fuse
29-065 Rev 5	70K82	Nov 15/85	Main Landing Gear Truck Leveler and Down Lock Hydraulic Pressure Lines - Installation of Hydraulic Fuse

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
29-066 Rev 1		No Effect	Install of Air Turbine Motor Exhaust Duct
29-067 Rev 1	98000	Sep 15/79	Modify Fittings for Ground Test Coupling
29-069	99582	Mar 15/80	Delete Hydraulic Return Filter Shutoff Valves
29-072 Rev 1	70B09	No Effect	Modify Air Turbine Motor
29-073 Rev 1		No Effect	Install Tubing Support Bracket Main Landing Gear Fairing
29-074 Rev 2		No Effect	"C" System A.C. Pressure Pump Hose and "C" System Suction Pipe Additional Support - Hydraulic Power
29-075 Rev 3	70A57	Nov 15/81	Modify Deploy Circuit Interlock on (RAT) Ram Air Turbine
29-075 Rev 4	70A57	Nov 15/85	Modify Deploy Circuit Interlock on (RAT) Ram Air Turbine
29-075 Rev 5	70A57	Nov 15/85	Modify Deploy Circuit Interlock on (RAT) Ram Air Turbine
29-076		No Effect	Modify Bootstrap Reservoir Assembly
29-077		No Effect	Inspect Reservoir Manifold Check Valve
29-079		No Effect	Install Rudder Servo Module Static Drain Line
29-080		No Effect	Trailing Edge Flap PDU Tube Support
29-081		No Effect	Alternate Engine Driven Hydraulic Pump
29-082		No Effect	Inspection/Modification of Case Drain Filter Module
29-082 Rev 1	Not Accepted		Inspec/Modify Case Drain Filter Module
29-083		No Effect	"B" System ATM Hydraulic Suction Line Inspection/Modification
29-084		No Effect	Wire Harness Routing Inspection/Modification - Driven Hydraulic Pump, System B - Electric Motor - Hydraulic Power
29-085	70L41	No Effect	C-System Hydraulic Return Lines - Replacement of Aluminum Lines with Stainless Steel Lines
29-A088	71E75	No Effect	Pump, Hydraulic, AC Electric Motor-Driven - Operation Restricted to Emergency Use
29-088	71F29 71H59	Nov 15/90	Addition of Magnetic Circuit Breaker Panel - AC Electric Motor Driven Hydraulic Pump - Systems B3 and C3 - Hydraulic Power

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
29-088 Rev 1	71H59	Nov 15/90	Addition of Magnetic Circuit Breaker Panel - AC Electric Motor Driven Hydraulic Pump - Systems B3 and C3 - Hydraulic Power
29-088 Rev 2	Canceled (FAA)	Aug 16/89	Addition of Magnetic Circuit Breaker Panel - AC Electric Motor Driven Hydraulic Pump - Systems B3 and C3 - Hydraulic Power
29-089		No Effect	Priority Valve Cavity Plug - Hydraulic Power
29-093	71K60	Dec 15/91	Air Turbine Motor - Controller Replacement
29-095	71M53	Dec 15/91	Air Turbine Motor (ATM) Controller Overspeed Protection
30-002 Rev 1		Aug 1/72	Modify Main Windshield Temp Controller
30-003 Rev 1		No Effect	Replace Windshield Defog Fan Duct & Shroud
30-005 Rev 1		No Effect	Replace Glareshield Assy
30-007	89388	No Effect	Replace Windhsield Wiper Motor/Converter
30-008 Rev 1	89426	No Effect	Modify Wing Anti-Ice Overheat Controller
30-009 Rev 1	89313	Feb 15/73	Modify and Replacard Water Line Heater Test Panel
30-010 Rev 1		No Effect	Change Wire Gage
30-011 Rev 1	Not Accepted		Modify Air Data Sensor Heat Panel Switchlight
30-012	96347	Mar 15/73	Modify Wing Anti-Ice Excess Flow Sensor Wiring
30-013	96357	May 15/73	Replace Front Windhsield Temp Controller
30-014	96395	May 15/73	Modify Air Data Sensor Heat Panel
30-015 Rev 5		No Effect	Replace Potable Water Line Heaters
30-016 Rev 1	96583	May 15/73	Delete VHF Antenna Anti-Ice System Circuit Diodes
30-017		No Effect	Modify Potable Line Heaters
30-021 Rev 1		Sep 13/73	Replace Air Data Sensor Heat Control Panel
30-022 Rev 1		No Effect	Replace Windshield Washer Reservoir/Pump
30-023		No Effect	Replace Windshield Washer Control Valve
30-024 Rev 2	98095	May 15/74	Modify VHF Antenna Anti-Ice Valve Circuit

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
30-025 Rev 4	99757	Aug 15/75	Install APU Icing Protection Provision
30-026 Rev 3	95545	Feb 15/75	Install APU Differential Pressure Switch
30-027	98295	No Effect	Potable Water Fwd Supply Line Insulation
30-028	Not Accepted		Modify Flt Sta Side Window Temp Controller
30-029	98606	No Effect	Replace Wing Anti-Ice Valve Pressure Switch Boot
30-030 Rev 2	98535	No Effect	Replace Side Window Temp Controller
30-031	Not Accepted		Relocation of Diodes - Water Line Heaters
30-A032	96794	Feb 12/75	Deactive Cargo Comp Drain Heater
30-034	Not Accepted		Install Cargo Drain Heater
30-035		No Effect	Modify/Replace Front Windshield Temp Controller
30-036 Rev 4		Feb 15/79	Modify Aft Potable Waterline Heating System
30-039 Rev 2		May 15/79	Deactivate Flt Sta Aft Side Window Temp Control System
30-039 Rev 3	71E21	May 15/89	Deactivate Flt Sta Aft Side Window Temp Control System
30-039 Rev 4	71E21	Nov 15/89	Deactivate Flt Sta Aft Side Window Temp Control System
30-040		No Effect	Replace Air Data Sensor Heat Panel
30-041		No Effect	Replace Telescopic Anti-Ice Duct
30-042 Rev 1	Not Accepted		Install Spare Heater Controllers, Potable Water System Heater
30-043	98149	Jun 15/80	Deactivate Anti-Icing Provision
30-043 Rev 1	98149	Incor-porated	Deactivate Anti-Icing Provision
30-043 Rev 3	98149	Jun 15/80	Deactivate Anti-Icing Provision
30-046 Rev 2	98975	No Effect	Replace Heater Insulation
30-047	Not Accepted		Waterline Heater Deletion and Control Modification - Water/Waste System - Ice and Rain Protection
30-048	98876	Incor-porated	Deactivate Mid & Aft Receptacle Heater
30-048 Rev 1	70H93	Incor-porated	Deactivate Mid & Receptacle Heater
30-050		Jul 15/83	Water Waste Heaters - Waste Drain Nipple Flange Heater Installation

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
30-054		No Effect	Waterline Heaters Test Panel Alternate Bite Indicators
30-055	80B25	No Effect	Inspection of Wire Harness C38 - Windshield and Side Window Heat
30-055 Rev 1	80B25	No Effect	Inspection of Wire Harness C38 - Windshield and Side Window Heat
30-056	80B74	No Effect	Modification of Wire Harness C38 - Windshield Heat Circuit
30-057	80B74	No Effect	Windshield Heat Wire Harness C38 Rerouting
30-059		No Effect	Wing Anti-Icing System - Replacement of Asbestos Insulators
31-001	89917	No Effect	Modify Instrument Panel Switchlight Lens
31-003		No Effect	Replace Main & Nose Gear Weight & Balance Transducer
31-004 Rev 2	89997	No Effect	Add Connector Backshells to Flight Station Panels
31-007 Rev 1	89457	No Effect	IP & HP Compressor Temp. AIDS Signals
31-008	96687	No Effect	Replace Wt. & Balance Computer/Indicator
31-011 Rev 1	97167	Sep 15/73	Modify Flight Recorder Wiring Interface
31-012 Rev 1	97171	Sep 15/73	Replace Digital Flight Data Recorder and Underwater Locator Device
31-013 Rev 4	96659	No Effect	MLG & NLG Transducers Service Evaluation
31-015	96687	No Effect	Replace Weight & Balance Computer/Indicator
31-017 Rev 5	Not Accepted		Modify Stab. Pos. Signal Wiring
31-023		No Effect	Install Surge Detection, Integrated Data System
31-027	98347	No Effect	Revise Flap Position Indicator Clamp Installation
31-028		No Effect	Revise Defogging Hose
31-029 Rev 1	98249	Sep 1/74	Modify Proximity Switch Logic Card Box
31-030 Rev 2	Not Accepted		Modify Gear-in-Transit Light
31-040	Not Accepted		Rewire AIDS Thermocouple Reference Junction
31-046 Rev 3		Aug 15/78	Modify Computer/Indicator, Weight & Balance System
31-052		No Effect	Inspect/Modify Power Supply Circuits, Weight and Balance Computer/Indicator

SB NO. & REV.	MC NO.	INCORP. IN REV.	TITLE
31-053	71N41	No Effect	Proximity Switch Card and Logic Boxes Drip Shield Installation
31-054	Not Accepted		Installation of DPX2 10L Pin Connector Rear Support - Data Acquisition, Communications and Navigation Circuits
31-059		No Effect	Transducer Replacement Weight & Balance System
31-063		Jun 15/81	Replace Square Switchlight Guards
32-000 Rev 14		Info Only	Landing Gear Supplier Modifications - Listing and Approval of Supplier Service Bulletins
32-001	89912	No Effect	Replace Control Module Flow Regulators
32-002 Rev 2		No Effect	Modify MLG Door Actuator
32-004 Rev 1		Jan 15/73	Modify MLG Doors Gnd Maint Release System
32-005 Rev 1	89937	No Effect	Replace MLG Truck Positioner Hyd Line & Add Retaining Clips
32-007		No Effect	Replace Tail Skid
32-008 Rev 2	89948	No Effect	Replace Solenoid Cartridge Valve Plunger Pin
32-009	99316	No Effect	Replace Brake Supply Valve Cartridge
32-009 Rev 1	99316	No Effect	Replace Brake Supply Valve Cartridge
32-010		Aug 1/72	Modify NLG Fwd Door Mech
32-011 Rev 1	89972	No Effect	Replace NLG Steering Valve Elbow Fitting
32-013 Rev 1	89998	No Effect	Replace NLG Torque Arms
32-014 Rev 2	89308	No Effect	Replace Anti-Skid Control Monitor Panel
32-017	96313	No Effect	Modify MLG Truck Conduit
32-018	89422	No Effect	Modify NLG Conduit
32-019	89424	Dec 1/72	Replace Brake Module Press. Switch
32-020	Not Accepted		Modify MLG Strut Conduit
32-022	96314	No Effect	Replace Brake Module Diff. Press. Ind
32-023 Rev 1		Feb 15/73	Modify MLG Doors Control Valve
32-024	89482	No Effect	Install NLG Hose Support
32-025	96315	No Effect	Install MLG Elec Conduit Support
32-026	96348	No Effect	Install Brake Press. Transducer Snubber
32-027 Rev 1	96137	Feb 15/73	Replace Nose Gear Steering Interconnect Actuator

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-028 Rev 3	96487	Aug 15/75	Delete Anti-Skid Sys Locked Wheel Detection
32-029		No Effect	Modify Brake Press Indicating Wiring
32-033 Rev 3		No Effect	Replace NLG Wheel
32-034 Rev 2		Apr 15/73	Replace Tail Skid
32-035 Rev 1		No Effect	Add NLG Door Lever Bushing Retainer
32-036	96359	Dec 15/85	Modify MLG Door Phase Control Valve Module
32-036 Rev 1	96359	Dec 15/85	Modify MLG Door Phase Control Valve Module
32-039	96360	No Effect	Add Nose Gear Steering Rudder Pedal Pulley Bracket Spacer
32-040		No Effect	Replace MLG Truck Unlevel Position Sensor Target
32-041 Rev 3	96891	May 15/77	Install MLG Truck Beam Gravel Shield
32-043 Rev 1		No Effect	Modify MLG Brake Assy Auto Adjuster
32-044 Rev 1	96879	No Effect	Modify MLG Retraction Actuator Relief Valve
32-045 Rev 1	96398	No Effect	Replace Nose Gear Steering Actuator Transfer Tube
32-046		No Effect	Bond MLG Door Actuation Release Handle Cover
32-047	Not Accepted		Install MLG Brake Bolt Retention Clip
32-048 Rev 1	96688	Aug 15/74	Modify MLG Door Actuator
32-048 Rev 2	96688 98296	Aug 15/74	Modify MLG Door Actuator
32-051 Rev 1	96816	No Effect	Inspect/Modify MLG Manual Release Bracket Inst
32-052	96890	No Effect	Reident/Replace NLG Steering Actuator Disconnect
32-053	Not Accepted		Add Brake Selector Valve Transient Suppressor
32-055	98298	Aug 15/74	Replace MLG Door Actuator Locking Cam
32-059	98299	No Effect	Replace Landing Gear Control Solenoid Valve Pin
32-060 Rev 1	98300	May 15/79	Rework Parking Brake Module
32-061	96357	No Effect	Replace MLG Proximity Sensor
32-062	98301	No Effect	Replace NLG Proximity Sensor

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	32-063 Rev 2	98302	No Effect	Replace NLG Door Up Position Sensor Conduit
	32-064 Rev 2	98303	Aug 15/75	Modify MLG Downlock Visual Indicator
	32-A065	96948	No Effect	Inspect MLG Axle
	32-067 Rev 1	98304	No Effect	Modify Parking Brake Bellcrank Latch
	32-069 Rev 1	98358	No Effect	Replace NLG Uplock Sensor Conduit
	32-070 Rev 2	98305	May 15/74	Change Tail Skid Air Valve, Add Filter
	32-071 Rev 4	99542	No Effect	Modify MLG Retract Actuator
R	32-071 Rev 5		No Effect	Modify MLG Retract Actuator
	32-073 Rev 3	98676 96132	No Effect	Modify MLG Shock Strut Assembly
	32-A075	98155	No Effect	Inspect MLG Axle
	32-076	98306	No Effect	Replace Nose Wheel Steering Disconnect Actuator
	32-077 Rev 1	98307	No Effect	Inspect MLG Side Brace Support Fitting Bolt
	32-079 Rev 5	98000	Sep 15/81	Modify Main Landing Gear Assembly
	32-080 Rev 5	99129 99233	Dec 15/80	Replace Nose Wheel and Tire Assembly
	32-080 Rev 6	99129 99233 70F71	No Effect	Replace Nose Wheel and Tire Assembly
	32-080 Rev 7	70F71	No Effect	Replace Nose Wheel and Tire Assembly
	32-081 Rev 2	Not Accepted		Inspect/Modify MLG Phase Control Valve Linkage
	32-083 Rev 4	98407	No Effect	Inspect/Replace MLG Actuator Rod
	32-086 Rev 4	98385	Nov 15/81	Replace MLG Phase Control Valve Spring
	32-087 Rev 2	Not Accepted		Adjust MLG Truck Alignment
	32-088		No Effect	Modify MLG Phase Control Valve Cable
	32-091	99321 99322	Feb 15/76	Main Landing Gear Door Actuation Phase Control Valve, Bypass Valve Sleeve Modification/Replacement
	32-091 Rev 1	99321 99322	Nov 15/81	Main Landing Gear Door Actuation Phase Control Valve, Bypass Valve Sleeve Modification/Replacement
	32-092		No Effect	Install Seal Adapter and Bearing, NLG Shock Strut

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-093	98711	No Effect	EMI Suppression, MLG Anti-Skid System
32-094 Rev 5	98714	Feb 15/77	Modify Rudder Pedal Nose Gear Steering
32-095 Rev 2		No Effect	Replace NLG Axle Sleeve
32-096 Rev 1		No Effect	Replace NLG Door Lever Bushing
32-097	Not Accepted		Modify MLG Downlock Indicator
32-098 Rev 2		Aug 15/76	Replace MLG Downlock Spring Guide Bushing
32-102	Not Accepted	No Effect	Replace NLG Door Up-Position Sensor Conduit
32-104		May 15/76	Modify Nose Wheel Spin Brake Pad
32-105 Rev 3	99542	No Effect	Modify MLG Retract Actuator
32-106	98711	No Effect	Inspect Landing Gear Control Module Manifold
32-111		Feb 15/77	Install NLG Retract Act. Crank Upper Bearing Grease Seal
32-114	Not Accepted		Bearing Shield Installation - NLG Steering
32-A115		No Effect	Check MLG Side Brace Support Fitting Bolt
32-115 Rev 1	98931	Aug 15/77	Replace MLG Side Brace Support Fitting Bolt
32-117	99321	No Effect	Replace MLG Downlock Indicator Spring
32-118 Rev 1	99894	Aug 15/78	Adjust MLG Door Gap
32-120 Rev 2		No Effect	Replace MLG Side Brace Support Fitting Bolt
32-A121 Rev 1	98556	No Effect	Inspect Alt. Brake/Alt. Landing Gear Down Accumulator
32-121	99418	Feb 15/78	Inspect/Rework Alternate Brake/Alternate Landing Gear Down Accumulator
32-122		No Effect	Replace MLG Brake Control Module Screws
32-123		No Effect	Modify Dual Power Brake Valve
32-124		No Effect	Inspect/Modify Right Forward NLG Door Mechanism
32-128 Rev 2		Feb 15/79	MLG/NLG Wheels/Tires Conversion Kit
32-130	Not Accepted		Conversion Kit - Landing Gear Control Handle Blocking Device

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-131 Rev 3	99060	No Effect	Inspect/Modify Actuator Lugs, MLG Shock Strut
32-132	99282	Nov 15/89	Modify MLG Shock Strut Assembly
32-132 Rev 1	99282	Nov 15/89	
32-132 Rev 2	99282	Nov 15/89	Modify MLG Shock Strut Assembly
32-132 Rev 3	99282	No Effect	Modify MLG Shock Strut Assembly
32-134	99284	No Effect	Modify Selector Valve Solenoid Cartridge
32-135 Rev 3	99213	No Effect	Inspect/Repair MLG Truck Pivot Pin
32-137 Rev 2	98346	Nov 15/81	Replace Rudder Pedal Steering Disconnect Actuator
32-138 Rev 1		Feb 15/82	Modify NLG Steering Disconnect Actuator System
32-139 Rev 3		Feb 15/82	Conversion - Kit MLG and NLG Wheels and Tires and MLG Brakes
32-140		No Effect	Modify Pin Installation
32-141 Rev 3	Not Accepted		Alternate Brake Supply Valve Replacement - Main Landing Gear Brake System
32-142 Rev 2	99233	No Effect	Application of Solid Film Lubricant
32-144 Rev 2			Conversion/Reconversion Kits, MLG & NLG Tires
32-145 Rev 2			Antiskid/Parking Brake Switch Installation - Antiskid Control System - Landing Gear
32-145 Rev 6	94781	No Effect	Antiskid/Parking Brake Switch Installation - Antiskid Control System - Landing Gear
32-145 Rev 7	94781	No Effect	Antiskid/Parking Brake Switch Installation - Antiskid Control System - Landing Gear
32-146 Rev 1	99386	Mar 15/81	Alternate Use MLG Brakes
32-147 Rev 1	Not Accepted		Install Tail Skid Hydraulic Tubing Clamp
32-148	94794	No Effect	Rework MLG Door Control Valve Bellcrank
32-149	99496	Dec 15/85	Inspect/Modify MLG Truck Pivot Pin
31-149 Rev 1	99496	Dec 15/85	Inspect/Modify MLG Truck Pivot Pin
32-149 Rev 2	99496	Dec 15/85	Inspect/Modify MLG Truck Pivot Pin

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-149 Rev 3	99496	Dec 15/85	Inspect/Modify MLG Truck Pivot Pin
32-150 Rev 2	99496	No Effect	Inspect/Repair MLG Shock Strut Piston
32-152 Rev 3	94806	No Effect	Replace MLG Retract Actuator Cylinder Lug Bearing
32-153 Rev 2	99538	Nov 15/81	Modify MLG Brake Control Rod
32-154	70B75	Dec 15/85	Replace Pivot Pin & Bushings
32-154 Rev 1	70B75	Dec 15/85	Replace Pivot Pin & Bushings
32-154 Rev 2	70B75	Dec 15/85	Replace Pivot Pin & Bushings
32-154 Rev 3	70B75	Dec 15/85	Replace Pivot Pin & Bushings
32-154 Rev 4	70B75	Dec 15/85	Replace Pivot Pin & Bushings
32-154 Rev 5	70B75	No Effect	Replace Pivot Pin & Bushings
32-155		No Effect	Landing Gear Control Assembly Modification - Extension and Retraction
32-156	70B11	No Effect	Install Brake Control Module Increased Capacity Fuse
32-156 Rev 1	99538	No Effect	Install Brake Control Module Increased Capacity Fuse
32-164		No Effect	Inspect/Modify Rudder Pedal Steering Lever Assembly Stop - Nose Gear Steering - Landing Gear
32-164 Rev 1	99311	No Effect	Inspect/Modify Rudder Pedal Steering Lever Assembly Stop - Nose Gear Steering - Landing Gear
32-165		No Effect	Inspect Fork Lugs for Cracking, MLG Shock Strut Piston
32-166 Rev 2	99894	Dec 15/80	Eliminate Door Gapping at Cruise Speed
32-A167 Rev 1	99538	No Effect	Forward and Aft Trunnion Pin Inspection - Main Landing Gear
32-167 Rev 2	94712	Mar 15/81	Forward and Aft Trunnion Pin Inspection and Retainer Installation - Main Landing Gear
32-169 Rev 2	94749	Sep 15/81	Inspect Forward & Aft Trunnion Pin
32-170	94747	No Effect	Modify Extension & Retraction of Control Module
32-171 Rev 3	99055	Feb 15/82	Install Wheels, Tires & Increased Capacity Brakes

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-171 Rev 4		Feb 15/82	Install Wheels, Tires & Increased Capacity Brakes
32-172 Rev 1	70F84	No Effect	Modify and Reidentify Phase Control Valve
32-172 Rev 3	70F84	No Effect	Modify and Reidentify Phase Control Valve
32-172 Rev 4	70F84	No Effect	Modify and Reidentify Phase Control Valve
32-172 Rev 5	70F84	No Effect	Modify and Reidentify Phase Control Valve
32-173 Rev 1	98619	No Effect	Replace NLG Steering Valve Tube
32-173 Rev 2	98619	No Effect	Replace NLG Steering Valve Tube
32-173 Rev 3	98619	No Effect	Replace NLG Steering Valve Tube
32-176 Rev 1		No Effect	Modify Pressure Controlled Check Valve
32-176 Rev 2		No Effect	Modify Pressure Controlled Check Valve
32-176 Rev 3	Not Accepted		Modify Pressure Controlled Check Valve
32-177		No Effect	Modify Brake Supply Valves N.O. & N.E.
32-178	99055	No Effect	Inspect Execessive Wear of Pressure Plate Lining & No 1 Rotor
32-178 Rev 1		Canceled	SB32-178, Rev 1 Issued to Show Cancellation of Basic SB32-178
32-179	94781	Aug 15/81	Modify Antiskid Indication Circuit
32-179 Rev 1	94781	Nov 15/81	Modify Antiskid Indication Circuit
32-179 Rev 3	94781	No Effect	Modify Antiskid Indication Circuit
32-179 Rev 4		Nov 15/81	Modify Antiskid Indication Circuit
32-180 Rev 2		No Effect	Replace Tires, Axles & Forward Trunnion Pin, GTOW to 450K
32-181		No Effect	Modify Run-Around Valve
32-183		No Effect	Replace Bumper Assembly
32-184	94778	Aug 15/81	Repetitive Inspection of MLG Wheel Flanges for Cracks
32-185		No Effect	Inspect MLG Wheel Outboard Flange for Proper Thickness
32-187 Rev 1		No Effect	Replace MLG Shock Strut Lower Bearing
32-191		No Effect	Piston Repair Procedure for Ladder Cracks

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-193		No Effect	Inspect/Modify Parking Brake Cable Cartridge Assembly
32-195 Rev 1		No Effect	Modify MLG Downlock Spring
32-197 Rev 1	70E60	No Effect	Landing Gear, Anti-Skid Indication Modification
32-197 Rev 3	70E60	No Effect	Landing Gear, Anti-Skid Indication Modification
32-199	70B11 70F67	No Effect	Main Landing Gear Modification of Hydraulic Fuse Assemblies
32-200		No Effect	Pitch and Roll Disconnect Handle Support Bosses and Disconnect Mechanism Inspection/Modification
32-201		No Effect	Installation of 50,000 Mile Road Life Wheels
32-202	70G38	No Effect	Modification of Hydraulic Brake Control Modules
32-202 Rev 1	70G38	No Effect	Modification of Hydraulic Brake Control Modules
32-203			Inspect/Modify Rudder Pedal Steering Anchor Bolt
32-205	70G65	No Effect	Upper Bearing Spacer Replacement - MLG Shock Strut Assembly
32-205 Rev 1	70G65	No Effect	Upper Bearing Spacer Replacement - MLG Shock Strut Assembly
32-A207		No Effect	Truck Beam Pivot Pin Boss Daily Check
32-208		No Effect	Modify MLG Brake Link Cap
32-208 Rev 1		No Effect	Modify MLG Brake Link Cap
32-209		No Effect	Lower Lide Brace Assembly MLG
32-A211	Superseded by SB 032-A243	No Effect	Cylinder Retract Lugs Inspection - Main Landing Gear Shock Strut
32-A211 Rev 1	70G93 M11-AD -18 M11-AD -19	No Effect	Cylinder Retract Lugs Inspection - Main Landing Gear Shock Strut
32-211	70G39	No Effect	Cylinder Retract Lugs Inspection - Main Landing Gear Shock Strut
32-211 Rev RO, SC1	70G39	No Effect	Cylinder Retract Lugs Inspection - Main Landing Gear Shock Strut
32-211 Rev 1	70G39	No Effect	Cylinder Retract Lugs Inspection - Main Landing Gear Shock Strut

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-211 Rev 2	70G39	No Effect	Cylinder Retract Lugs Inspection - Main Landing Gear Shock Strut
32-211 Rev 4	Super-seded by SB32-243 and/or SB32-245	Nov 15/89	Cylinder Retract Lugs Inspection - Main Landing Gear Shock Srut
32-213		No effect	Remove Landing Gear Control Handle Cover
32-214		No Effect	MLG Fixed Door Link Assembly Replacement
32-218		No Effect	MLG Hydraulic Bracket Attach Support
32-219	70K85	No Effect	Fuselage Fitting Retract Linkage Pin and Bearing Cover Corrosion Inspection/Refurbishment - Nose Landing Gear
32-219 Rev 1	70K85	No Effect	Fuselage Fitting Retract Pin and Bearing Cover Corrosion Inspection Refurbishment - Nose Landing Gear
32-224		No Effect	Truck Beam Positioner Rod End Replacement - Main Landing Gear
32-225 Rev 1	71M46	No Effect	Inspection and Modification of Upper Jury Brace
32-234 Rev 1	71L71	No Effect	Electronic Control Unit Modification (671656-115) - Antiskid
32-236		No Effect	MLG - Inspection of Upper Jury Brace
32-236 Rev 1	70V95	No Effect	MLG - Inspection of Upper Jury Brace
32-238	71A89	No Effect	MLG - Retract Actuator Cylinder End Cap Retaining Ring Groove Repair
32-238 Rev 1	71A89	No Effect	MLG - Retract Actuator Cylinder End Cap Retaining Ring Groove Repair
32-238 Rev 2	71A89	No Effect	MLG - Retract Actuator Cylinder End Cap Retaining Ring Groove Repair
32-239		Not Accepted	Main and Nose Landing Gear - from 430,000 Pounds GTOW to 470,000 Pounds GTOW (368,000 Pounds Landing Weight Remains Unchanged)
32-239 Rev 1		Not Accepted	Main and Nose Landing Gear - from 430,000 Pounds GTOW to 470,000 Pounds GTOW (368,000 Pounds Landing Weight Remains Unchanged
32-241		Not Accepted	Inboard Door Lock Up Sensor
32-A243	71B04	No Effect	Main Landing Gear Shock Strut Retract Lug Modification

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
32-A243 Rev 1	71P02	No Effect	Main Landing Gear Shock Strut Retract Lug Modification
32-243		Nov 15/89	Landing Gear Shock Strut Retract Lug Modification
32-244 Rev 1	Not Accepted		Aft Trunion Bearing Replacement - Main Landing Gear
32-245		No Effect	Shock Strut Cylinder Retract Lugs and Pins Interim Modification - Main Landing Gear - Landing Gear
32-245 Rev 1		No Effect	Shock Strut Cylinder Retract Lugs and Pins Interim Modification - Main Landing Gear - Landing Gear
32-245 Rev 2		No Effect	Shock Strut Cylinder Retract Lugs and Pins Interim Modification - Main Landing Gear - Landing Gear
32-250	71L50	No Effect	Main Landing Gear Retract Actuator Cylinder Lock Wire Hole Removal
32-253 Rev 1	71P02	Dec 15/92	Approved Brakes to Meet Worn Brake RTO Requirements
33-005	89374	No Effect	Add Protective Cover to Emerg. Lighting Power Package
33-006	89344	Oct 1/72	Replace Anti-Collision Lights
33-007	89051	No Effect	VHF Control Panel Annunciator Pnl
33-008 Rev 2	89400	Dec 1/72	Install Lavatory Lts Override Control
33-010	89440	No Effect	Replace Refuel Panel Svce Lt Support Bracket
33-011	89497	No Effect	Add Lighting Strip to Aft CB Panel
33-012	89498	No Effect	Modify Fwd. Beverage Bar Light Assy Hinge
33-013	96557	No Effect	Change Wire Gage
33-014	96138	No Effect	Modify Overhead CB Panel Lights
33-015	96110	No Effect	Replace Runway Turnoff & Landing Lt Lens
33-017 Rev 2	97418	No Effect	Replace PE/S0 Aft CB Panel Disconnect Connector
33-018 Rev 1	97088	Mar 15/73	Modify Exterior Lts Panel Wiring
33-019	97125	Jul 15/73	Install Aft Lavatory Wiring & Circuit Breaker
33-020 Rev 2	96550	May 15/73	Modify TGT Dim Mode Warning
33-021 Rev 1	97110	No Effect	Anti-Collision Lights, Leakage Prevention
33-023	96386	Sep 15/73	Eliminate Voltage Feedback to Aural Warning System
33-025	89900 96558	No Effect	Change Prox. Sw. Logic Box Printed Circuit Assy

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
33-026	96566	No Effect	Rewire Aft Service Center
33-027	96557	No Effect	Change Soffit Light Circuit Wire Gauge
33-029	96565	No Effect	Replace Proximity Switch Logic Box
33-030 Rev 3	97189	No Effect	Modify Wing Tip Strobe Lights Input Power Circuit
33-033 Rev 2	97174	No Effect	Replace Anti-Collision Light Lamp
33-034 Rev 5	96881	No Effect	Modify Runway Turnoff Lights
33-036 Rev 2		No Effect	Replace Fwd Lav Lighting Fixture Transformer
33-041 Rev 6	Not Accepted		Modify Wing Flood Light Mounting
33-042 Rev 3	97496	May 15/75	Modify High Intensity Strobe (EMI)
33-044		No Effect	Modify Wiring, Engine No. 2 Compartment Light
33-045 Rev 2	97445 97615	Aug 15/78	Modify Emerg Lighting Power Pack Control Wiring
33-046	Not Accepted		Wiring Modification - Cabin Coat Closet Light
33-048	97447	No Effect	Replace ILCB Cover (Cooling Air) Louvers
33-051 Rev 2	97492	No Effect	Modify Luminare Power Supply
33-052 Rev 1		May 15/75	Disconnect Cargo Light Manual Override Sw
33-054 Rev 4	Not Accepted		Revise Cargo Door Lights Control Circuit
33-056 Rev 1	97553	May 15/77	Modify Emerg Lighting Power Pack Cooling
33-057		No Effect	Modify ILCB Mounting Support
33-058	97689	No Effect	Modify Mid Cabin Service Center Venting
33-059 Rev 2	97533	No Effect	Replace Emergency Lighting Lamp Assembly
33-060 Rev 1	97616	No Effect	Reduce Emerg Lighting Electrical Load
33-064 Rev 1	97639	May 15/77	Modify to Reduce Wing Tip Position Light Heat
33-066		May 15/89	Replacement of Runway Turnoff Light Switch
33-067 Rev 1	97680	No Effect	Modify Wingtip Strobe Light Bonding
33-070 Rev 1		Aug 15/78	Replace Logo Light Switch

SB NO. & REV.	MC NO.	INCORP. IN REV.	TITLE
33-073 Rev 2	Not Accepted		Modify Forward Lavatory Light Transformer
33-081	94778	No Effect	Replace Cabin Light Control Knob
33-086	80H51	Incor-porated	Failure Warning Emergency Lighting
33-086 Rev 1	80H51	Incor-porated	Failure Warning Emergency Lighting
33-091	Not Accepted	No Effect	Valance Dummy Load Wiring Modification
33-094	71853	May 15/87	Engine No. 2 Service Compartment Lighting - Wire Bundle Inspection and Redress
34-001 Rev 4	89824	Aug 1/72	Modify Pitot/Static and CADC Pressure Hose and Wiring
34-003 Rev 1	89350	Feb 15/73	Replace Mach/Airspeed Ind
34-004	89377	No Effect	Replace Radio Altimeter Ind
34-005 Rev 1	89375	No Effect	Replace ADI
34-006	89399	No Effect	Replace Radio Altimeter Receiver-Transmitters
34-007 Rev 1		No Effect	Replace Radio Altimeter Ind
34-008 Rev 1	89057	No Effect	Modify Area Nav Disable Signal Wiring
34-009 Rev 5	97389	Dec 15/79	Replace ADF Antenna
34-010 Rev 2	96318	No Effect	Support Pitot/Static Tubes
34-011		No Effect	Replace Loran Display Mounting Assy Spring
34-012 Rev 1		No Effect	Relocate CADC Pitot-Static Hoses
34-013		No Effect	Modify FDSU Wiring
34-014		Sep 15/73	Modify Input Wiring, Weather Radar Pitch Attitude
34-A015	96555	No Effect	Install HSI Flag Annunciator Interface with VOR/ILS Placard
34-015 Rev 1	96555	No Effect	Install Placard, HSI Flag Annun Interface VOR/ILS
34-017 Rev 1	89350	Nov 15/73	Reset VMO CADC Sys Air Speed/Mach Indicator
34-018		No Effect	
34-020 Rev 3	96591	No Effect	Replace Vertical Gyro Mount Back Plate
34-021 Rev 1		No Effect	Inspect/Modify Pitot/Static Probe Mounting

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
34-022 Rev 2	96826	No Effect	Delete Vertical Gyro Mounts Maint Monitor Wiring
34-023	96589	No Effect	Replace Altitude Director
34-025	97210	No Effect	Replace VHF Navigation Control Panel
34-026 Rev 1	97211	No Effect	Replace RDDMI Flag Circuit Board
34-028 Rev 2	[illegible]	No Effect	Modify Inst Comparison Monitor - Airspeed Threshold
34-030 Rev 2		Jul 15/73	Modify Weather Radar Ant Pitch Stab Input Wiring
34-031	Not Accepted		Modify VOR Rcvr Low Level Flag Loading Circuit
34-033		No Effect	Modify Radio Altitude Indicator
34-040	97421	No Effect	Relocate ILS/Glide Slope Antenna Deflector
34-042	97508	Feb 15/75	Install Misconnect Prevention Device
34-043 Rev 1	97502	No Effect	Change Flux Valve Connector
34-044		No Effect	Replace Radio Altimeter R/T
34-045 Rev 1	97628	No Effect	Modify HSI Compass Card Circuit Wiring
34-047		No Effect	Replace Radio Altimeter R/T
34-048	Not Accepted		Inspect/Replace Marker Beacon Antenna Coax Socket
34-051	Not Accepted		Routing Modification Above L2 Passenger Door - VOR, VHF, and LORAN Coax Cable
34-053	97550	Feb 15/76	Change ADI Power Source
34-054		Aug 15/76	Change Temp Source Location, TAT Gauge
34-054 Rev 1	81A93 80V47	No Effect	Change Temp Source Location, TAT Gauge
34-060	Not Accepted		Isolate ILS/VHF Comm Coax Connectors at Rear Rack
34-062 Rev 1	Not Accepted		Replace Standby Altimeter
34-064 Rev 1	Not Accepted		Replacement of Standby Airspeed Indicator
34-065		No Effect	Modify Area Nav Control Display Unit
34-071	97602	Aug 15/77	Improve CADC Reliability
34-079 Rev 1	Not Accepted		Replace Attitude Director Indicator
34-092 Rev 3		Aug 15/82	Install Digital Air Data Computer
34-095	Not Accepted		Modify Area Navigatiion Computer Software
34-099 Rev 4		No Effect	Replacement of Central Inst Warning System Comparison Monitor

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
34-105 Rev 1	97562	No Effect	Inspection Replacement of Tubing Installation
34-108 Rev 2		No Effect	Modify VHF Navigation Accessory Unit
34-115 Rev 1	Not Accepted		Replace Receiver-Transmitter
34-149		No Effect	Inspect/Install Support Clamp & Bracket
34-155 Rev 1		No Effect	Vor/Loc Navigation Receiver Circuit Breaker
34-157	80M23	No Effect	Air Data Excitation, INS No. 3 Wiring Modification - Independent Position Determining - Navigation
34-175 Rev 1		Not Accepted	Ground Proximity Warning Computer Replacement, Conversion/Reconversion
34-179	81A93	Nov 15/90	Windshear Installation - Computer Installation and System Activation
34-180 Rev 2		Rejected	Traffic Alert/Collision Avoidance System (TCAS II) Antenna Installation and Provisions
34-200		Not Appli-cable	Inertial Navigation System Accessory Unit Assembly
35-004	96106	No Effect	Replace PSM
35-006 Rev 1	89390	No Effect	Replace Passenger Oxygen Controller
35-007	96320	No Effect	Relocate Coach Lounge Pass. Service Modules
35-008	89455	No Effect	Reconnect Pass. Service Module
35-009 Rev 2		No Effect	Inspect/Clean Crew Oxygen System
35-010	96346	May 15/73	Replace Oxygen Sequence Timer Sw
35-012 Rev 1		No Effect	Inspect & Replace Fixed Chemical Oxygen Generator
35-014	98032	No Effect	Modify Oxygen Mask Rack
35-016	Not Accepted		Replace/Modify Portable Oxygen Generators
35-017	98235	No Effect	Inspect/Modify Oxygen Face Mask Assembly
35-026		No Effect	Modify Sequence Timer Switch
35-030	99860	Dec 15/80	Inspect/Replace Fixed Chemical Oxygen Generator
35-030 Rev 1	99860	Aug 15/81	Inspect/Replace Fixed Chemical Oxygen Generator
35-033		Jul 15/83	Provisions for Door Drop Test
35-037		No Effect	Modification and Inspection/Test of Crew Oxygen Regulator

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
35-041 Rev 1	70W46 70X15	No Effect	Oxygen Initiator Sequence Timer Switch Test for Dormant Shorted Capacitors
35-041 Rev 2	70X15	No Effect	Oxygen Initiator Sequence Timer Switch Test for Dormant Shorted Capacitors
35-041 Rev 3	70X15	No Effect	Oxygen Initiator Sequence Timer Switch Test for Dormant Shorted Capacitors
36-001 Rev 1	89901	No Effect	Replace Engine Isolation Valve
36-002 Rev 2	89935	No Effect	Replace Pack Excess Flow Sensors
36-003	89954	No Effect	Replace Area Overheat Annunciator Lenses
36-004	89969	Dec 1/72	Replace Bleed Air Area Overheat Sys Circuit Board
36-006	96321	No Effect	Modify Eng Bleed Air Mixing Ejector
36-007 Rev 1	89478	Dec 1/72	Modify Eng Bleed Air Sys Wiring
36-008	96337	Dec 1/72	Install Diode Modules
36-009 Rev 2	96885	Nov 15/73	Modify Bleed Air Overpressure Lockout Wiring
36-011 Rev 2	96825	No Effect	Modify HP Shutoff Valve Seal Ring
36-012 Rev 1	89901	No Effect	Replace Engine Bleed Air Isolation Valve
36-013 Rev 1	96865	No Effect	Replace Ground Air Connection Check Valve
36-014	96869	No Effect	Replace Pneumatic Crossbleed Manifold
36-015 Rev 3	96870	No Effect	Reroute No. 2 Eng Iso Valve Sensor Line
36-016	98018	No Effect	Inspect Engine Iso Valve Wiring
36-017 Rev 1	96855	No Effect	Install Provisions for APU Pressure Uprate
36-018 Rev 2	98311	Feb 15/77	Install Bleed Air Cleaners
36-021 Rev 1		No Effect	Replace Overpressure Relief Valve
36-022	Not Accepted		Modify Engine No. 2 Pressure Relief Discharge Tube
36-023 Rev 2	97542	May 15/75	Install EMI Diode, Bleed Air Overheat
36-024 Rev 2	98721	No Effect	Replace Suppressor Diodes, Engine Iso Valves
36-025 Rev 1	98311	No Effect	Replace Bleed Air Duct Hinge

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
36-028	Not Accepted		Modify HP Engine Bleed Valve Controller
36-031 Rev 1	Not Accepted		Engine Bleed Air System Isolation Valve Modification
36-032 Rev 3	Not Accepted		Bleed Air Distribution Ducts Boss Modification/Repair
36-033 Rev 2		No Effect	Remodify Aft Fus. Pressure Seal & Coupling
36-035 Rev 1		No Effect	Delete/Repair Distribution Manifold Drain Valve
36-037		No Effect	Revise Diff. Press. Sw. Wiring for Access
36-038 Rev 1		Nov 15/78	Modify Bleed Air Duct Cover
36-039		No Effect	Modify Duct Overheat Indicator Lens
36-040	ER-36 101	No Effect	Replace HP Valve Controller
36-041		No Effect	Inspect/Modify Bleed Air Duct Compensator
36-043 Rev 1		No Effect	Bulkhead Sealing - Center Section Fuselage Supply Duct & ATM
36-044 Rev 3	Not Accepted		Modify High Temp Bleed Air System
36-045 Rev 3	Not Accepted		Relocate APU Bleed Air Valve Circuit Breaker
36-045 Rev 4	Not Accepted		Relocate APU Bleed Air Valve Circuit Breaker
36-047	80A52	Nov 15/88	Bleed Air - Overheat Warning System - Wing Pylon Area - Increase of Soak Temperature
36-048	70H45	No Effect	Modification to Close High Pressure Engine Bleed Valve at High Altitude
36-049 Rev 1		No Effect	Replace Isolation Valve & Overpressure Shutoff Valve
36-050	70J46	Nov 15/89	Sealing/Insulation - Pneumatic Bleed Supply Aft, FS2102 - Duct
36-051		No Effect	Relocate Forward Cargo Overheat Sensor
36-053	70G40	No Effect	Aft Cargo Compartment Bleed Air Duct Inspection/Modification - Distribution Manifold System
36-053 Rev 1	70G40	No Effect	Aft Cargo Compartment Bleed Air Duct Inspection/Modifciation - Distribution Manifold System
36-053 Rev 2	70G40	No Effect	Aft Cargo Compartment Bleed Air Duct Inspection/Modifciation - Distribution Manifold System

SB NO. & REV.	MC NO.	INCORP. IN REV.	TITLE
36-054		No Effect	Modify Compensator, Distribution Manifold System
36-054 Rev 1		No Effect	Modify Compensator, Distribution Manifold System
36-056	70F32	No Effect	Duct Overheat System, Wiring Modification
36-056 Rev 1	70F32	No Effect	Duct Overheat System, Wiring Modification
36-059	70W05	No Effect	Bleed Air Duct Support Inspection/Repair - Distribution System - Pneumatic
36-060	71A50	No Effect	No. 2 Engine Bleed Air System - Inspection/Modification of Support Bracket
36-062		No Effect	Replacement of Asbestos Gaskets
36-064 Rev 3	71L16 71K78 71K91	No Effect	Inspection/Modification of the Eight Inch Diameter Bleed Air Duct Compensators
38-001	89913	No Effect	Install Drain Duct Support
38-002 Rev 2	89984	Feb 15/73	Modify Water Faucet & Drain Valve
38-004 Rev 1	96104	No Effect	Modify Drinking Water Cooler
38-005		Dec 1/72	Modify Fwd & Aft Water/Waste Service Panel Wiring
38-006 Rev 2	96131	No Effect	Relocate Aft Lavatory Water Coolers
38-007		Apr 15/73	Modify Water Line Heater Controller
38-008		Feb 15/75	Replace Toilet Solenoid Flush Valve
38-009 Rev 1	96367	No Effect	Replace Waste Sys Manual Ball Valve
38-010	96367	No Effect	Modify Fwd & Aft Waste Sys Ball Valve Actuating Handle
38-011 Rev 1	96367	No Effect	Modify Waste Sys Ball Valve Actuating Rod
38-014 Rev 3	96598	Aug 15/74	Modify Actuating Rod Waste Disposal Ball Valve
38-017 Rev 1	Not Accepted		Modify Waste Tank Level Indicators
38-018	98348	No Effect	Replace Toilet Flushing Valve
38-019 Rev 2		No Effect	Replace Drinking Water Cooler
38-024 Rev 1	Not Accepted		
38-025	Not Accepted		Reinforce Waste Tank Pump Flange
38-026 Rev 1		May 15/77	Modify Aft Waste Tank Fill Line

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
38-030	Not Accepted		Replace Mid Cabin Service Center Flexible Drain Tubes
38-032	Not Accepted	May 15/82	Install Waste Tank Self Agitating System
38-033		Aug 15/82	Install Air Compressor Drain Valve
38-034 Rev 2	Not Accepted		Modify Tank Flush Precharge Line
38-034 Rev 3	Not Accepted		Modify Tank Flush Precharge Line
38-039	94755	No Effect	Install Below Galley Floor Water Line Support
38-046 Rev 2		No Effect	Modify Lavatory Split Vent System
38-046 Rev 3	94638 99429	No Effect	Modify Lavatory Split Vent System
38-047		Nov 15/85	Modify Potable Water Fill/Overflow Valve Operating Cable
38-047 Rev 1	Not Accepted		Mofify Potable Water Fill/Overflow Valve Operating Cable
38-048		May 15/82	Install Alternate Compressor, Potable Water Pressurization
38-051			Modify Potable Water System Air Pressurization
38-054	70F19 70F20 70F40	Nov 15/85	Waste System - Fixed Filter Pump Installation
38-054 Rev 1	70F40	No Effect	Fixed Filter Pump Installation
38-055	70F20 70F40	Nov 15/85	Waste Tank Agitation System Deletion
38-055 Rev 2	70F20 70F40	Nov 15/85	Waste Tank Agitation System Deletion
38-057		No Effect	Underfloor Galley Drain Valve Assembly Modification
38-062		No Effect	Reinforce Duct Assembly, Waste System
49-005		Aug 1/72	Replace TGT and N1 Indicator
49-007	89339	No Effect	Modify APU Load Compressor Air Inlet Duct Clamp & Coupling
49-008	89427	No Effect	Replace APU Controller
49-010		No Effect	Modify APU for Reduced Oil Consumption
49-011 Rev 1		Nov 15/73	Change Terminal Module
49-012		No Effect	Modify APU Load Compressor Surge Valve
49-013		No Effect	Modify Load Compressor & Surge Valve Retention Bolt

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
49-014		No Effect	Replace Compressor Discharge Check Valve
49-015		No Effect	Replace APU Load Compressor Inlet Flexible Joint
49-016		No Effect	Modify Load Compressor Air Inlet Duct Debris Trap
49-017 Rev 1	96579	Sep 15/73	Install APU Comp Air Inlet Duct Guide Vanes
49-018 Rev 1	95455	No Effect	Modify APU Ejector Actuator Wiring
49-019 Rev 1	95453	Nov 15/73	Modify APU Generator Trip & Engine Gnd Start Circuits
49-020		No Effect	Replace APU Load Comp Discharge Check Valve
49-021 Rev 1	95352	Nov 15/73	Modify APU Low Oil Pressure Switch Wiring
49-023 Rev 1	95457 95459	Nov 15/73	Modify Low Oil Quantity Light Logic
49-026 Rev 2	95472	No Effect	Replace APU Exhaust Cooling Shroud Seal
49-027		Nov 15/74	Replace APU Controller
49-029		No Effect	Install APU Load Comp Inlet Screen
49-031 Rev 5	95454	May 15/74	Modify APU Mode Select Wiring
49-032	95546	Feb 15/75	Relocate APU Gearbox Breather
49-034 Rev 4	99746	Aug 15/79	Modify APU Inlet Air Door Wiring
49-035 Rev 1	99757	Feb 15/79	Replace APU Mode Select Switch
49-036 Rev 1		Feb 15/75	Delete APU Muffler Splitter Core
49-037 Rev 1		No Effect	Replace Guide Vanes, Air Inlet Duct
49-038 Rev 2		May 15/75	Modify T/R Power Interrupt Relay Input Circuitry
49-040			Modify APU System Wiring for Auto Wash
49-041			Replace APU (QEC) for Autowash System
49-042		Nov 15/76	Modify APU Load Compressor Air Inlet Duct
49-044 Rev 1		No Effect	Replace Elbow Duct
49-045		Feb 15/79	Delete APU Clogged Fuel Filter Warning Ind
49-047 Rev 1		Aug 15/77	Replace APU Starter & Clutch

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
49-048 Rev 1		No Effect	Replace APU Electronic Controller
49-051 Rev 1	94030	Mar 15/81	Modify Inlet Guide Vanes Max Mode Position Indication
49-053	94159	Mar 15/81	Modify APU Compartment Vent System
49-058 Rev 5	70F80	Mar 15/85	Inspection for Fuel and Hydraulic Fluid Leakage/Installation of APU Exhaust Duct and Shroud Insulation
49-059		No Effect	Installation of Provisions for Overboard Venting of Load Compressor Rotor Cavity
49-061	Not Accepted		Airborne Auxiliary Power - Engine and Fuel Control - Heater and Duct Installation
49-062	71F04	No Effect	Inspection/Correction APU Starter Cable
49-062 Rev 1	71H87	No Effect	Inspection/Correction APU Starter Cable
49-062 Rev 2	71H87	No Effect	Inspection/Correction APU Starter Cable
49-063		Not Accepted	APU Fire Warning Horn Deactivation/Removal
51-007 Rev 5		No Effect	Afterbody/Empennage/Wing Drainage Provisions
51-008	89409	No Effect	Wing Cent. Sect, Crew Oxygen Sys Bonding Provisions
51-009	96371	No Effect	Modify Pitch Feel Trim Assy for Nut Plate Access
51-010 Rev 5		No Effect	Structures Modification, Integrating SB (Record Only)
51-010 Rev 6		Nov 15/86	Structures Modification, Integrating SB (Record Only)
51-014	99018	No Effect	Integrating Service Bulletin - Model L-1011-385-1 Modification for 440,000 Pound Gross Takeoff Weight - Structures
51-014 Rev 1	99018	No Effect	Integrating Service Bulletin - Model L-1011-385-1 Modification for 440,000 Pound Gross Takeoff Weight - Structures
51-014 Rev 2	99018	No Effect	Integrating Service Bulletin - Model L-1011-385-1 Modification for 440,000 Pound Gross Takeoff Weight - Structures
51-014 Rev 3	99018	No Effect	Integrating Service Bulletin - Model L-1011-385-1 Modification for 440,000 Pound Gross Takeoff Weight - Structures

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	51-015 Rev 1		No Effect	Integrating Service Bulletin - Modification for 450,000 Pound Gross Takeoff Weight - Structures
	51-015 Rev 3	94700 99018	No Effect	Integrating Service Bulletin - Modification for 450,000 Pound Gross Takeoff Weight - Structures
	51-015 Rev 6	94700 99018	No Effect	Integrating Service Bulletin - Modification for 450,000 Pound Gross Takeoff Weight - Structures
	51-015 Rev 8	94700 99018	Nov 15/86	Integrating Service Bulletin - Modification for 450,000 Pound Gross Takeoff Weight - Structures
R R R	51-035 Rev 0	71J57 71J58	No Effect	Aging Aircraft Structural Modifications and Inspections - Collector Service Bulletin
	51-035 Rev 1	71G05	No Effect	Aging Aircraft Structural Modifications and Inspections - Collector Service Bulletin
	52-001 Rev 2	89916	No Effect	Modify Mid Elec Service Center Fairing Door Latching
	52-002	89925	No Effect	Modify L1 Door Track Guide
	52-003 Rev 1	89929	Aug 1/72	Relocate Galley Service Door Proximity Switch
	52-004 Rev 1	89934	No Effect	Replace Cargo Door Rotary Actuator
	52-007 Rev 3	89331	No Effect	Modify Passenger Door Electrical Control Wiring
	52-008 Rev 2		No Effect	Install FESC Relay Panel Hinge
	52-009 Rev 3		No Effect	Modify Door Counter-Balance Containment
	52-010	89330	No Effect	Modify MLG Door Hinge Pin Retention
	52-013	89331	No Effect	Modify L2, R2 Doors Cont Wiring
	52-015	89407	No Effect	Revise P-Doors Lock Mech Adj
	52-016 Rev 1	89364	No Effect	Modify Cargo Door Pressure Stop
	52-017 Rev 1		No Effect	Modify MLG Door
	52-018	96100	No Effect	Replace L4, R4 Doors Seal
	52-019	89479	No Effect	Replace Cargo Door Lock Advisory Lamp
	52-020	89480	No Effect	Modify Flight Compartment Door Latch
	52-022 Rev 3		May 15/73	Modify Cargo Door Warning Sys Circuit
	52-A023		No Effect	Inspect Cargo Door Hooks
	52-024	96115	No Effect	Replace C-1 & C-2 Doors Upper Hook
	52-025 Rev 1		No Effect	Modify C-1, C-2, C-3 Cargo Doors Lock Ind Light

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
52-026 Rev 1	96361	No Effect	Relocate Cargo Door Wiring Harnesses
52-027 Rev 2		No Effect	Install Latching Torque Tube, Cargo Door Stop Installation
52-029	96350	No Effect	Inspect/Modify RAT Doors
52-031	96559	No Effect	Modify Fwd Waste Panel Flood Light Striker Bracket
52-032 Rev 4	96801	May 15/89	Modify C-1, C-2, C-3 Cargo Doors Manual Drive
52-034 Rev 2	96465	No Effect	Replace Cargo Doors Latching Actuator
52-035 Rev 2	96465	No Effect	Replace Cargo Doors Lock Actuator
52-036		No Effect	Modify Flight Door Key Lock Latch
52-037 Rev 1		No Effect	Replace C-1, C-2, C-3 Cargo Door Control Switch
52-038 Rev 2	96819	No Effect	Modify Galley Ditch Latch Mech
52-040		No Effect	Inspect MESC Door Pressure Stop Bushing
52-045	96834	Feb 15/74	Install Cargo Doors Elec Act Safety Switch
52-045 Rev 4	96884	Feb 15/74	Install Cargo Doors Elec Act Safety Switch
52-046 Rev 5	98313	May 15/76	Replace MLG Hinged Door
52-047 Rev 1	96852	No Effect	Inspect/Replace Pass/Emerg Doors Lock Pin
52-048	96871	No Effect	Install C-1, C-2 Cargo Doors Stab Link Rods, Bumper
52-049 Rev 1	96854	No Effect	Modify C-1, C-2, C-3 Cargo Doors Lock Actuator Cover
52-050 Rev 2	98314	Nov 15/73	MLG Hinged Door Improvements
52-053	96871	May 15/74	Modify C-1, C-2, C-3 Cargo Door Closed Limit Switch
52-055	98315	No Effect	Modify L2, R2, L3, R3 Pass. Door Down Limit Switch Bracket
52-056		Aug 15/74	Add Access Holes, Cargo Door Switchbox Covers
52-057	98316	No Effect	Modify MLG Fixed & Hinged Doors
52-058	98317	No Effect	Increase Wire Gage, Pass Door Uplock/Downlock Solenoids
52-059	98329	No Effect	Add Drain Holes, Cargo Doors Upper Frames
52-060 Rev 1	98319	May 15/75	Modify Cargo Door Actuation Switch Box

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
52-061 Rev 1	98320	No Effect	Modify Linkage, Ram Air Turbine Doors
52-063 Rev 2	98321	Feb 15/78	Modify Cargo Door Indicating System Rigging
52-064 Rev 1		No Effect	Install Emerg Door Warning Harness Shield
52-065	Not Accepted		Modification of Lockpins - Passenger/Emergency Doors
52-066 Rev 1	98322	No Effect	Replace Door Actuators
52-068 Rev 2		No Effect	Install Pass. Door Lock Relay Coil Filter
52-070 Rev 2		No Effect	Reinforce C-2 Cargo Door/MLG Fairing Support
52-071 Rev 1	Not Accepted		Modify Pass. Door Bumper Rigging
52-072 Rev 2	98595	Aug 15/75	Emergency Door Actuation System (P-5) - Reduction of Counterbalance Prewind
52-073		No Effect	Modify Galley Door Retractor Shroud
52-074 Rev 2	98755	Feb 15/76	Modify MLG Fixed Doors
52-A075 Rev 1	98533 99856	Aug 15/75	Inspect/Adjust Galley Door Ditch Latch
52-075 Rev 3		Mar 15/80	Modify/Improve Galley Door Warning/Latch Systems
52-076 Rev 2	98595	No Effect	Replace Emerg. Door (L4, R4) Counterbalances
52-077 Rev 1	98466	No Effect	Inspect/Repair C-2 Cargo Door Fairing Support
52-078 Rev 2	98641	Nov 15/75	Modify MLG Hinged Door & Strut Linkage
52-A079 Rev 2		No Effect	Inspect Cargo Door C-1, C-2, C-3 Hooks
52-082		Nov 15/75	Inspect MLG Fixed Strut Door Center Support
52-084	Not Accepted		Replacement of Fasteners - Forward, Center and Aft Cargo Doors Access Panels
52-085	Not Accepted		Install Additional Rubstrip, MLG Doors
52-086 Rev 1		No Effect	Inspect/Rig, C-1, C-2, C-3 Cargo Door Hooks & Clevis Fittings
52-087 Rev 4	98775	May 15/82	Replace Cargo Door Upper & Lower Hooks & Upper Clevis Pin
52-088 Rev 1	98933	May 15/76	Add Cargo Doors Manual Override Lube Fitting

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
52-090 Rev 1	98556	No Effect	Replace Cargo Door Lock and Latch Actuators
52-091		No Effect	Modify Cargo Right Angle Drive Gearbox
52-094	70K04	Nov 15/89	Cargo Door Actuator Deactivation of Uplock Brake Ratchet Pawl
52-094 Rev 1	70K04	Nov 15/89	Cargo Door Actuator Deactivation of Uplock Brake Ratchet Pawl
52-095	98904	May 15/77	Improve Hinge Operation, MLG Hinged Door
52-098 Rev 2	Not Accepted		Modify Installation, C-1 & C-3 Cargo Right Angle Drive Gearbox
52-101 Rev 1		Feb 15/78	Modify Passenger Door Limit Switches
52-104 Rev 1		Feb 15/78	Replace Passenger Door Actuator Relay
52-105 Rev 3	Not Accepted		Install Direct View System Cargo Doors
52-106 Rev 1	99355	No Effect	Modify Latch Actuator Cargo Door
52-107	99355	No Effect	Modify C-1, C-2, & C-3 Cargo Door Lock Actuators
52-110	Not Accepted		Install Bushing, MLG Fixed Doors
52-111 Rev 1		Aug 15/78	Install Seal, MLG Hinged Door
52-112 Rev 1		No Effect	Improve Seal, MLG Main Doors
52-113 Rev 2		No Effect	Enlarge Passenger Doors Lock Pin Slot
52-115 Rev 2		No Effect	Inspect/Modify Pass. Door Lock Pin Solenoid
52-116		No Effect	Modify Cargo Door Rotary Actuator
52-117		Nov 15/78	Inspect/Modify C-3 Cargo Door Safety Stop Mechanism
52-118 Rev 2	99475	May 15/82	Modify Cargo Door Safety Stop
52-119		No Effect	Modify Pass. Door Counterbalance
52-121		No Effect	Modify Cargo Doors Proximity Sensor Targets
52-122 Rev 5		Nov 15/81	Install Push-Rod Operated Door Lock Mechanism
52-123 Rev 1	99580	No Effect	Replace Inboard MLG Door Linkage
52-127 Rev 5	Not Accepted		Modify Cargo Door Closed Position Switch
52-128 Rev 1	Not Accepted		Modify C-1 Cargo Door Seal & Striker

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
52-129 Rev 3	Not Accepted		Modify C-3 Cargo Door, Lwr Seal & Striker
52-132 Rev 3		May 15/82	Install Lube Fitting Cargo Door Latching Crank
52-135	70F61	Incor-porated	Modify Rotary Actuator & Switch Bar Control
52-135 Rev 1	70F61	No Effect	C-1, C-2, C-3, Cargo Doors - Modification of Rotary Actuator and Switch Box Control
52-135 Rev 2	70F61	No Effect	C-1, C-2, C-3, Cargo Actuator and Switch Box Control
52-135 Rev 3	No Effect		Modify Rotary Actuator & Switch Box Control
52-136 Rev 2		Feb 15/82	Install Cargo Door Limit Switch Heater
52-140 Rev 2	99526	Feb 15/82	Relocation of C-3 Cargo Door Proximity Switch
52-142 Rev 2		No Effect	Modify Door Closure Panel
52-143		No Effect	Modify Latch Assembly Flt. Comp.
52-144 Rev 2	99895	Feb 15/82	Improve Aerodynamic Nose Landing Gear Doors
52-144 Rev 4	99895	Incor-porated	Improve Aerodynamic Nose Landing Gear Doors
52-145 Rev 2		No Effect	Modify Passenger Door Actuator Motor
52-148	94754	No Effect	Modify Ditching Stop
52-149		No Effect	Modify Wire Harness Shield Emergency
52-153		Mar 15/81	Install Cargo Door Wide Finger
52-158			Install Pallet Restraint Door Position Sensing Bumpers
52-159 Rev 1	70F29	May 15/82	Modify Door Closed Position Switch
52-160		No Effect	Modify 672013-145/-147 Passenger Door Actuator
52-161 Rev 1		No Effect	Hinged Door Beam Attachment Modification - Main Landing Gear
52-162		No Effect	Install Main Landing Gear, Fixed Bearing
52-162 Rev 1		No Effect	Install Main Landing Gear, Fixed Bearing
52-163		No Effect	Inspect (Geared) Actuator Shaft, Passenger Doors
52-165		No Effect	Modify Flight Station Avionics Door
52-171	70E28	No Effect	Install Gasket C-1, C-2 & C-3 Cargo Doors
52-171 Rev 1	70E28	No Effect	Install Gasket C-1, C-2 & C-3 Cargo Doors

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	52-171 Rev 2	70E28	No Effect	Install Gasket C-1, C-2 & C-3 Cargo Doors
	52-173	70F27		SB52-173 is not released by Lockheed (Advanced Planning Information only)
	52-175			Modify Cargo/Pallet Restraints
	52-176 Rev 1			C-1, C-2 and C-3 Cargo Door Seal Keepers
	52-177	70F27 70F28	Incor-porated	Modify C-1, C-2, and C-3 Cargo Door Lock Light
	52-177 Rev 1	70F28	No Effect	Modify C-1, C-2, and C-3 Cargo Door Lock Light
	52-182		No Effect	Relocate Galley Door Idler Pulley Cable Guard
R	52-184		No Effect	Cargo Door Seal Repair
R	52-184		No Effect	Cargo Door Seal Repair
R	Rev 1			
R	52-184 Rev 2		No Effect	Cargo Door Seal Repair
	52-198		Oct 15/85	Handle Mechanism Detent Inspection/Replacement - Emergency Operation
	52-202		No Effect	Replacement of Pressure Release Latch ECS Compartment Blow-Out-Door
	52-203		No Effect	Passenger Door Actuator - Modification of Actuator for Improved Service Life
	52-204 Rev 1		Not Accepted	Modification of Inboard Aft Support - MLG Strut Fixed Door
	52-204 Rev 2		Not Accepted	Modification of Inboard Aft Support - MLG Strut Fixed Door
	52-208	Not Accepted		Repair/Modification - Fixed Main Landing Gear - Doors
	53-001 Rev 1	89970	No Effect	Install Cabin Attendant Seat Floor Panel
	53-002 Rev 4		No Effect	Modify Aft Body Trailing Cone Conduit Extension
	53-003 Rev 2	89376	No Effect	Modify Aux Struct Floor Panel
	53-005 Rev 4		No Effect	Modify Cargo Door Seals
	53-006	89987	No Effect	Modify Trim Support Sidewall Insulation
	53-009 Rev 1	98323	No Effect	Modify NLG Uplock Support
	53-010 Rev 1		No Effect	Modify Galley Lift Floor Support Intercostal Struct
	53-012	89452	No Effect	Modify Sta 378.5 Press. Deck Beam

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
53-013 Rev 2	Not Accepted		Replace Center Cross Aisle Floor Panel
53-015	89439	May 15/73	Replace P-Door Sill Drain Valves
53-016 Rev 1		No Effect	Install C-1 & C-2 Cargo Door Sills Drain
53-017 Rev 1	89492	No Effect	Install MESC Underfloor Insulation
53-118	94745	No Effect	Replacement of Seal, Center Engine Upper Cowl Panel
53-019		No Effect	Replace APU Access Door Hinge
53-020	96364	No Effect	Inspect/Modify Pass/Galley Door Surround Struct Pressure Stop
53-021 Rev 2		Feb 15/73	Modify ACM Installation
53-022 Rev 2		No Effect	Modify Floor Beam
53-023 Rev 1	96341	May 15/74	Modify Aft Cargo Door Latch Reaction Fitting
53-024 Rev 4	96098	No Effect	Modify MLG Fairing and FS1163 Frame
53-025		No Effect	Replace Cargo Door Surround Struct Pressure Stop
53-026 Rev 1	Not Accepted		Rework Cargo Door Switchbox
53-028 Rev 1		No Effect	Install Kickstop Sidewall Trim Protection
53-029 Rev 1		No Effect	Reinforce Sta 328 Canted Bkhd Stiffener
53-032 Rev 2	96500	No Effect	Modify C-1, C-2, C-3 Cargo Compt Sidewall Support
53-035		No Effect	Afterbody Upper Aft Structure Stringer Attachment
53-036 Rev 1		No Effect	Replace Air Cycle Exhaust Valve Actuator Access Panels
53-037	96846	No Effect	Remove Fit Sta Floor Panel Fastener
53-039	96828	No Effect	Add Support Bracket, Pitot/Static Tubing
53-040		No Effect	Install Pitot/Static System Tube Support Brackets
53-041		No Effect	Install Additional Keelson Web, BL42.5
53-042 Rev 1		No Effect	Inspect/Repair Cabin/Forebody Skin Joint
53-043		No Effect	Replace H/E Actuator Access Panels
53-044 Rev 3		No Effect	Reinforce Floor Beams, FS389, 409, 429
53-045 Rev 2		No Effect	Rework Lower Flange, Frame Assy, FS1123, 1203

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
53-046 Rev 1		No Effect	Modify Floor Longeron/Frame Attach, FS 983-1223
53-047 Rev 3		No Effect	Reinforce P3L and P3R Pass Door Frames
53-049 Rev 2	96872	No Effect	Replace C-1, C-2 Cargo Door Surround Corner Seal Retainer
53-050	98324	No Effect	Add Fireproof Surface, RH Stabilizer Pivot Access Panel
53-051		No Effect	Rework BL53.50 Beam Outboard Cap
53-052 Rev 4	98325	No Effect	Restriction of Fluid Ingestion, APU Air Inlet
53-053	98326	No Effect	Inspect/Add Control Column Rig Pin Hole
53-054 Rev 1	98664	No Effect	Remove Rivet Attachments, Frames FS1303, 1323, 1343
53-057	98327	No Effect	Install Throttle Cable Ramp, Floor Support Beams
53-059 Rev 1	98328	No Effect	Replace Pass Door Lock Switch Actuator
53-061 Rev 1	98328	No Effect	Modify Sill Drainage, Cargo Door Surround Struct.
53-062		Nov 15/74	Add Thermal Switch Access Door, Fwd Cargo Floor
53-064		No Effect	Modify FS1989 Aft Canted Bulkhead Stiffener
53-065	98361	No Effect	Replace NLG Noise Diverter
53-066 Rev 2		No Effect	Add Ceiling Liner Attachments, Fwd & Ctr Cargo Compts
53-067 Rev 1		No Effect	Modify Drainage Provision in Cargo Compartment, C-1, C-2, C-3
53-069	99526	Nov 15/75	Replace C-1 & C-3 Cargo Door Safety Stop Striker
53-070 Rev 2	98402	No Effect	Inspect/Modify Horiz Stab Actuator Support Fitting
53-072 Rev 2	99854	No Effect	Replace Fasteners, Reinforce Struct, Lwr Fus, FS449-1263
53-073 Rev 3		No Effect	Reinforce Structure, Lwr Fus, L-1011-385-1-14-15
53-074 Rev 2		No Effect	Reinforce Structure, Keelson and Aft Cargo Door Area
53-079 Rev 4		No Effect	Reinforce Pass. Door Surround & Fus. Shell Structure
53-079 Rev 5	Not Accepted		Reinforce Pass. Door Surround & Fus. Shell Structure
53-081	Not Accepted		Reinforce Floor Beam Web Stiffener, FS378.5

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
53-082	Not Accepted		Replacement of Mounting Flange for Negative Pressure Relief Valve - Aft Pressure Bulkhead
53-083	70N46	No Effect	Install Reinforcing Strap, FS983 Bulkhead
53-083 Rev 1	70N46	No Effect	Install Reinforcing Strap, FS983 Bulkhead
53-084	70N43	No Effect	Reinforce Longeron Web, WL168.4
53-085 Rev 1		No Effect	Modify Pressure Floor Side Frames, FS 1243, 1303, 1323, 1343
53-086	70B76	No Effect	Reinforce Mid Beam Longeron, FS 1363
53-086 Rev 1	70B76	No Effect	Reinforce Mid Beam Longeron, FS 1363
53-086 Rev 2	70B76	No Effect	Reinforce Mid Beam Longeron, FS 1363
53-086 Rev 3	70B76	No Effect	Reinforce Mid Beam Longeron, FS 1363
53-087 Rev 2		No Effect	Install Fasteners, FS983 Bulkhead
53-089 Rev 1	Not Accepted		Rework Skin Panel Drainage Flange Attachment
53-090	98454	No Effect	Rework Hoist Attachment, Center Engine
53-092 Rev 1	Not Accepted		Improve Hydraulic Service Center Drainage
53-093		No Effect	Inspect NLG Shock Strut Side Brace Pin
53-094	Not Accepted		Remove HF Antenna Coupler Shield
53-095 Rev 1		Nov 15/75	Add Drainage Provisions, NLG Pressure Deck
53-096		No Effect	Improve Overwing Fillet Panels
53-099		Nov 15/75	Incorp. Larger Access Door for MESC Exhaust Valve
53-100	99326	Nov 15/75	Install Access Panels, Fwd & Ctr Cargo Compt Floors
53-108	70L51	No Effect	Fuselage Station 1203 Frame Inner Flange Channel Doubler Replacement
53-108 Rev 1	70L51	No Effect	Fuselage Station 1203 Frame Inner Flange Channel Doubler Replacement
53-108 Rev 2	70L51	No Effect	Fuselage Station 1203 Frame Inner Flange Channel Doubler Replacement
53-113		No Effect	Improve Fluid Drainage, FS1792 Stringers
53-114		No Effect	Inspect/Modify APU Access Door Pressure Relief Panel
53-115 Rev 1		No Effect	Improve Water Drainage/Sealing, Aftbody

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	53-117		No Effect	Modify Longeron Sidewall Shearweb
	53-118	94745	No Effect	Replace Center Engine Upper Cowl Panel Seal
	53-119 Rev 4	98701	No Effect	Integrating SB, Installation of Decompression Venting Provisions
	53-120 Rev 2	98791	May 15/77	Install Sidewall Vents, Fwd Pass... Compt, FS449-983
	53-121 Rev 2	98792	May 15/77	Install Sidewall Vents, Aft Pass. Compt, FS1363-1810
	53-122 Rev 3	98793	Aug 15/76	Install Sidewall Vents & Pass. Floor Reinforcement, C-1 Cargo Compt
	53-124 Rev 3	98794	No Effect	Install Vent Panels & Pass. Floor Reinforcement, Galley Compt
	53-125 Rev 3	98795	Aug 15/76	Install Sidewall Vents & Pass. Floor Reinforcement, C-2 Cargo Compt
	53-126 Rev 3	98796	Nov 15/76	Install Sidewall Vents & Pass. Floor Reinforcement, C-3 Cargo Compt
	53-127 Rev 4	98797	Nov 15/76	Install Venting Panels, FS703 Lower Bulkhead
	53-129 Rev 2	98799	Nov 15/76	Install Venting Panels, FS 1625 Lower Bulkhead
	53-130 Rev 2	98800	Nov 15/76	Install Venting Panels, FS1792 Lower Bulkhead
	53-131 Rev 2	98801	No Effect	Reinforce Floor Structure, Aft Lavatory
	53-133	Not Accepted	No Effect	Modify Pressure Floor Side Frame Joint
	53-133 Rev 1		No Effect	Modify Pressure Floor Side Frame Joint
	53-133 Rev 2	71J51	No Effect	Modify Pressure Floor Side Frame Joint
R R	53-133 Rev 3	71J51	No Effect	Modify Pressure Floor Side Frame Joint
	53-133 Rev 4	71J51	Rejected	Modify Pressure Floor Side Frame Joint
	53-138	98763	No Effect	Inspect/Install Missing Fasteners
	53-140 Rev 2	98802	No Effect	Modify Sidewall Wiring, FS469-963
	53-141 Rev 2	98803	No Effect	Modify Sidewall Wiring Aft Pass. Compt
	53-142 Rev 1	98909	No Effect	Inspect/Repair Aft Pressure Bulkhead Cap
	53-143	Not Accepted	No Effect	Inspect/Modify Engine No. 2 Support
	53-144		No Effect	Inspect Afterbody Drainage Provisions
	53-145 Rev 1		No Effect	Install Reinforcement Plate

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
53-146		No Effect	Trim Back MLG Inboard Door Tab Assembly
53-148 Rev 2		No Effect	Reinforce NLG Spin Brake Arm
53-149		No Effect	Improve Afterbody Drainage Provisions
53-150		No Effect	Modify Latch Striker, Stab. Servo Access Doors
53-154 Rev 2	99268	No Effect	Rework/Inspect Frame Assemblies, FS1123-1203
53-155 Rev 1		No Effect	Modify FS1103 Frame, MLG Fairing
53-157		No Effect	Inspect Aft Pressure Blkhd Sealing & Drainage
53-158	99268	No Effect	Inspect/Replace MLG Side Brace Fastener
53-159		No Effect	Corrosion Prevention Sealing, FS1625 & 1792 Lwr Blkhds
53-160 Rev 1	99310	No Effect	Modify Access Doors, Stab. Servo Actuator
53-161		No Effect	Inspect/Install FS1343 Floor Beam, RBL28
53-162		No Effect	Improve Hydraulic Service Center Drainage
53-164		No Effect	Inspect/Modify MLG Side Brace Fitting Fastener
53-165 Rev 2	99394	Sep 15/81	Modify Blowout Panel Protective Grille
53-166	Not Accepted		C-1 and C-2 Cargo Compartments - Bulkhead Blowout Panel Guard Installation for Cargo Conversion
53-167	Not Accepted		Install C-1 & C-2 Cargo Compt Auxiliary Guide Rail
53-170 Rev 2	Not Accepted		Reinforcement of Cargo Loader Alignment Fitting Support Structure - C-1 and C-2 Cargo Compartments
53-172 Rev 1	Not Accepted		Install FS1792 Blkhd Access Panel
53-174 Rev 3	Not Accepted		Proximity Switch Sensor Support Bracket Modification - C-2 Door Cargo Door Surround Structure
53-175 Rev 3	99029	Sep 15/81	Install Cargo Compartment Sidewall Liners
53-177	96237	No Effect	Install Fastener, C-1 Cargo Door
53-178		No Effect	Modifying C3 Cargo Compartment Floor Support Structure
53-179 Rev 4	96235	No Effect	Inspection Reinforcement of PS 328 Frame Fitting

SB NO. & REV.	MC NO.	INCORP. IN REV.	TITLE
53-181 Rev 1	96898	No Effect	Inspect Afterbody Splice Plate Fasteners
53-182	94447	No Effect	Inspect APU Feeder Harness
53-183		No Effect	Rerouting Wire Harness FS1860 Bulkhead
53-186 Rev 1		Aug 15/82	Addition of Drainage Provisions - Fuselage Drain System
53-186 Rev 2	70R23	May 15/89	Addition of Drainage Provisions - Fuselage Drain System
53-A188	98936	No Effect	Modify Access Doors, Stabilizer Actuator
53-188		Jun 15/81	Modify Stabilizer Servo Actuator Door
53-191	94705	No Effect	Inspect/Modify FS389, FS409 & FS429 Supports
53-191 Rev 1	94705	No Effect	Inspect/Modify FS389, FS409 and FS429 Supports
53-192	94763	No Effect	Modify Drain System
53-192 Rev 1	94763	No Effect	Modify Drain System
53-192 Rev 2	94763	Aug 15/82	Modify Drain System
53-193		No Effect	Install NLG Tire Deflector & Rub Strip
53-197		No Effect	Inspect/Replace Wing Root Joint Reinforcing Angles
53-199 Rev 3		No Effect	Stabilizer Servo Access Door Retention
53-201		No Effect	Sealing FS1792 Bulkhead, Aft Cargo Compartment
53-203 Rev 1	94763	No Effect	Inspect for Disbonded Straps
53-203 Rev 2	94763	No Effect	Inspect for Disbonded Straps
53-203 Rev 3	94763	No Effect	Inspect for Disbonded Straps
53-204		No Effect	Modify Galley Door Sill Drain & Cargo Compartment Beam
53-204 Rev 2		No Effect	Modify Galley Door Sill Drain & Cargo Compartment Beam
53-A205 Rev 1		No Effect	Inspection of FS1363 Bulkhead and Adjacent Structure
53-206		No Effect	Inspect FS1363 Bulkhead & Adjacent Structure
53-206 Rev 1		No Effect	Inspect FS1363 Bulkhead & Adjacent Structure
53-206 Rev 2	Form A No. 3631	No Effect	Inspect FS1363 Bulkhead & Adjacent Structure

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	53-207	70B76	No Effect	Modify FS1363 Bulkhead Structure
	53-207 Rev 1	70B76	No Effect	Modify FS1363 Bulkhead Structure
	53-207 Rev 2	70B76	No Effect	Modify FS1363 Bulkhead Structure
	53-207 Rev 3	70B76	No Effect	Modify FS1363 Bulkhead Structure
R	53-207		No Effect	Modify FS1363 Bulkhead Structure
R	Rev 4			
R	53-207 Rev 5		No Effect	Modify FS1363 Bulkhead Structure
	53-208		No Effect	FS1363 Bulkhead and Adjacent Structure Internal Inspection
	53-209	70B76	No Effect	Inspect FS1363 Bulkhead External Angle
	53-209 Rev 1	70B76	No Effect	Inspect FS1363 Bulkhead External Angle
	53-209 Rev 2	70B76	No Effect	Inspect FS1363 Bulkhead External Angle
	53-210		No Effect	Spoiler Pushrod Clearance/Inspection
	53-A212		No Effect	External Inspection of FS1363 Bulkhead and Adjacent Structure
	53-214	99858	No Effect	APU Shear Deck Inspection and Repair - APU Compartment
	53-214 Rev 1	99858	No Effect	APU Shear Deck Inspection and Repair - APU Compartment
	53-215		No Effect	FS449 Bulkhead Inspection
	53-218		No Effect	Fuel Line and Guard Clearance Inspection - Aft Pressure Bulkhead and FS1860 Bulkhead
	53-218 Rev 1		No Effect	Inspect Fuel Line and Guard Clearance - Aft Pressure Bulkhead and FS1860 Bulkhead
	53-218 Rev 3		No Effect	Inspect Fuel Line and Guard Clearance - Aft Pressure Bulkhead and FS1860 Bulkhead
	53-219		No Effect	Dripshield Installation - C-1A Door
	53-220		No Effect	Dripshield Installation - C-2 Door
	53-221		No Effect	Dripshield Installation - C-3 Door
	53-228		No Effect	Main Frame and FS1363 Bulkhead Structure Inspection for Cracks
	53-233		No Effect	Installation of Reinforcement of Lower Cap, Web and Adjacent Fuselage Skin - FS 449 Bulkhead
	53-233 Rev 1		No Effect	Installation of Reinforcement of Lower Cap, Web and Adjacent Fuselage Skin - FS 449 Bulkhead

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
53-233 Rev 2	70P09	No Effect	Installation of Reinforcement of Lower Cap, Web and Adjacent Fuselage Skin - FS 449 Bulkhead
53-234		No Effect	FS 1223 Canted Bulkhead Pressure Panel Modification
53-235		No Effect	FS 1223 Canted Bulkhead Pressure Panel Modification
53-236	70L37	No Effect	Nose Landing Gear Shock Strut Fitting Rework and Door Bonding Jumper Relocation
53-236 Rev 1	70L37	No Effect	Nose Landing Gear Shock Strut Fitting Rework and Door Bonding Jumper Relocation
53-236 Rev 2		No Effect	Nose Landing Gear Shock Strut Fitting Rework and Door Bonding Jumper Relocation
53-237	71G05	No Effect	Reinforcement of Door Surround Structure - Passenger Door Opening - Fuselage
53-237 Rev 1	71G05	No Effect	Reinforcement of Door Surround Structure - Passenger Door Opening - Fuselage
53-238	70L64	No Effect	Inspection and Repair of Lower Cap, Web and Adjacent Fuselage Skin - FS 449 Bulkhead
53-238 Rev 1	70L64	No Effect	Inspection and Repair of Lower Cap, Web and Adjacent Fuselage Skin - FS 449 Bulkhead
53-A239	70L17 70L28	No Effect	Inspection/Repair of Mounting Adapter for Negative Pressure Relief Valve Adapter - Aft Pressure Bulkhead
53-242 Rev 1	Not Accepted		Fatigue Life Improvement and Repair - FS328 Bulkhead - Fuselage
53-248		No Effect	NLG Modification Support Beam FS 449 Bulkhead
53-248 Rev 1		No Effect	NLG Modification Support Beam FS 449 Bulkhead
53-249	71A64 70X74 71J84	No Effect	Aft Pressure Bulkhead - Inspection/Repair Negative Pressure Relief Valve
53-249 Rev 1	70X74	No Effect	Aft Pressure Bulkhead - Inspection/Repair Negative Pressure Relief Valve
53-249 Rev 2	71J84	No Effect	Aft Pressure Bulkhead - Inspection/Repair Negative Pressure Relief Valve

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
53-252 Rev 1	Not Appli-cable		Latch Fitting and Serrated Plate Inspection/Modification - C-1A Cargo Door Surround - Fuselage
53-257	71K41	Mar 15/91	Installation of Drain Holes and Jumper Cable - Main Landing Gear Fairing
53-263	71M48	No Effect	Aft Pressure Bulkhead - Inspection/Preventive Repair
53-264	71N25	No Effect	FS 983 Frame - Inspection of Frame Crack
54-001	89960	No Effect	Modify Wing Pylon Fwd Nose Fairing
54-002	89411	No Effect	Modify No. 2 Eng Lwr Hinged Cowl RH Fire Access Door
54-003	89367	No Effect	Replace Glove Fairing Attach Bolt
54-005	96369	No Effect	Install Center Eng Hinged Cowl Oil Scupper Drain
54-A006		No Effect	Inspect for Generator Pwr Line & Hyd Line Rubbing
54-007		No Effect	Add Panel Hinge Shims, Center Engine Cowling
54-008 Rev 1	96849	No Effect	Replace Glove Fairing Assy Upper Seal
54-009 Rev 1	95124 96924	Nov 15/73	Remove Fuel Drain Tank Vent Provisions, Center Engine Cowl
54-010 Rev 1	Not Accepted		Hydraulic Pump Case Drain Filter Lines Anti-Cross correction Guard Bracket Modification
54-011	98331	No Effect	Replace Eng 2 Lower Cowl LH Access Door Latch
54-012 Rev 2		No Effect	Modify Hydraulic Lines Support
54-015	98332	No Effect	Inspect S-Duct Articulating Joint
54-016 Rev 1		No Effect	Install Air Deflection Pylon Diverter Seal
54-017	Not Accepted		Wing Pylon Fairing Drainage Provisions
54-A019 Rev 2	98530 98699	No Effect	Inspect/Repair S-Duct Articulating Joint
54-019		No Effect	Modify S-Duct Articulating Joint
54-020		No Effect	Install No. 1 & No. 3 Pylon Wire Harness Support
54-021 Rev 2	96716	No Effect	Inspect for Gen. Pwr Line & Hyd Tube Interference
54-023	98919	No Effect	Improve S-Duct Drainage, No. 2 Engine
54-026 Rev 2	99239	No Effect	Install Clamp Blocks, Nacelle/Pylon Hydraulic Lines
54-028	98445	Mar 15/81	Modify Diverter Fairing

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
54-029 Rev 2		Aug 15/32	Engine S-Duct Inner Skin Mod
54-030 Rev 1	99300	Feb 15/79	Inspect/Repair/Protect "S" Duct Flexible Vapor Seal
54-031 Rev 4	98545	No Effect	Replace Adapter Bearing Strip
54-033 Rev 2		No Effect	Modify Hydraulic and Fuel Lines
54-033 Rev 3	71J85 80V94	No Effect	Modify Hydraulic Fuel Lines
54-037 Rev 2		Nov 15/81	Replace Wing Pylon Skirt Fairing Fastener
54-038 Rev 3		No Effect	Inspect/Replace Center Engine Inlet Frames Attach Bolts
54-039		No Effect	Inspect/Rework Pylon Drag Strut Interference
54-040 Rev 1		No Effect	Replace Pylon to Wing Span Fitting Bolts
54-044		Incor-porated	Modify Access Door Latch Indication
54-046	71J85 80V94	Mar 15/91	Aluminum Support Bracket At Pylon Station 99.6 Replacement Modification - Hydraulic Lines - Nacelles/Pylons
54-048	71J85 80V94	No Effect	Hydraulic Lines - Replacement of Support Bracket at Pylon Station 123.80
54-049		No Effect	Pylon Attach Fittings - Inspection/Replacement
54-049 Rev 1		No Effect	Pylon Attach Fitting - Inspection/Replacement
54-049 Rev 3	71G24	No Effect	Pylon Attach Fitting - Inspection/Replacement
54-050		Rejected	Replacement of Nut and Bolt - Pylon to Wing Spar Fitting Attachment - No. 1 and No. 2 Pylons - Nacelles/Pylons
54-051	71J85 80V94	No Effect	Pylon Hydraulic Lines - Modification to Preclude Chafing
55-001	89953	No Effect	Modify Horiz Stab. Trailing Edge Door Seal Support
55-004 Rev 2	96328	No Effect	Modify Elevator Trailing Edge
55-A005		No Effect	Inspect Elevator Hinge Rib Fastener Installation
55-006	98333	Aug 15/74	Install Horiz Stab Airgate Seal Support Plate

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
55-007 Rev 5	96918 98334	No Effect	Inspect Elevator Hinge Ribs, Fittings, & Attachment Bolts
55-008 Rev 1	98335	No Effect	Modify Elevator Outboard Hinge No. 8 Bearing Bracket
55-009 Rev 1	98336	No Effect	Modify Elevator Trailing Edge
55-010 Rev 1		No Effect	Horizontal Stabilizer Main Frame Improvement Rib and Panel Replacement
55-011		No Effect	Modify Elevator Hinge Ribs for Elevator Interchangeability
55-012		No Effect	Inspect Stab. Pivot Bolt Side Link Attachments
55-013	Not Accepted		Install Elevator Dampers
55-014 Rev 1	99413	No Effect	Install Air Barrier Sealing, Horiz. Stab.
55-015	99090	No Effect	Replace Shim, Horiz. Stab. Side Load Link
55-016		May 15/78	Improve Horiz. Stab. Airgate Fairing Attachment
55-018		No Effect	Inspect/Repair Stabilizer Structure
55-018 Rev 1		No Effect	Inspect/Repair Stabilizer Structure
55-019 Rev 3		No Effect	Inspect Freeplay Horizontal Stabilizer Pivot Bearing
55-019 Rev 4		No Effect	Inspect Freeplay Horizontal Stabilizer Pivot Bearing
55-020	99858	No Effect	Install Airgate Support Fitting Rivets
55-020 Rev 2	99858	No Effect	Install Airgate Support Fitting Rivets
55-022		No Effect	Stabilizer Attachment Bolts, Higher Torque
55-025		No Effect	Modify Pivot Fitting Clearance
55-025 Rev 2	Not Accepted		Modify Pivot Fitting Clearance
55-A026	70L27	No Effect	Inspection for Water Retention in Elevator Trailing Edge Panels - Elevator Trailing Edge Structure
55-026 Rev 1		No Effect	Inspection for Water Retention in Elevator Trailing Edge Panels
55-026 Rev 2		No Effect	Inspection for Water Retention in Elevator Trailing Edge Panels
55-027 Rev 2	Not Accepted		Trailing Edge Wedge Rework - Elevator Trailing Edge - Stabilizer
55-027 Rev 3	Not Accepted		Trailing Edge Wedge Rework - Elevator Trailing Edge - Stabilizer

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	55-029	71E78	No Effect	Inspection of Actuator Fitting Assembly Attachment - Horizontal Stabilizer Center Section Main Frame
R	55-030 Rev 1		Jun 15/95	Replace Setscrews with Safety Wired Fillister Head Screws - Left and Right Pivot Bearing Assemblies
	56-001 Rev 1	98009	No Effect	Replace Left Hand Main Windshield
	56-005 Rev 2		No Effect	Replace RH Main Windshield
	56-006 Rev 1		No Effect	Replace LH Main Windshield
	56-007		No Effect	Replace RH Main Windshield
	56-008 Rev 1		No Effect	Replace RH Main Windshield
	56-010		No Effect	Replace Lift Main Windshield
	57-001	89911	No Effect	Install Link Attach 'Pin' Flap Torque Box
	57-002 Rev 2		No Effect	Replace Vane Actuator Fitting
	57-003 Rev 2	89919	Feb 15/73	Add Upper Surface Access Door Gaskets
	57-004 Rev 1	89952	No Effect	Modify Fixed Trail Edge Structure Intercostal Attach
	57-005 Rev 2		No Effect	Modify Inbd Rear Spar Hyd Tube Support
	57-006	89962	No Effect	Modify Pylon Attach Fittings
	57-007 Rev 1		No Effect	Provide Torque Box Fairing Nut Plate Access
	57-008 Rev 2		No Effect	Install Wing Box/Flap Torque Box No. 5 Splice Plate
	57-009 Rev 3		No Effect	Modify Jack Pad Attach
	57-A010		No Effect	Modify Flap No. 3 Front Spar Web
	57-010 Rev 1		No Effect	Modify Flap No. 3 Front Spar Web
	57-012 Rev 3	89425	No Effect	Install Outer Box Rear Spar Doubler
	57-013 Rev 2	89481	No Effect	Modify Outbd Leading Edge Asymmetry Switch Access Door
	57-014 Rev 1		No Effect	Modify Vane Actuator
	57-015 Rev 1	89494	No Effect	Modify Wing Tip Aux Struct
	57-016 Rev 1	96331	Feb 15/73	Install Torque Box Jack Pad Skin Plug
	57-017 Rev 5	98337	No Effect	Inspect Wing Center Box for Missing Fasteners

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
57-019		May 15/73	Modify Spoiler Actuator Support Fittings Bushing Retention
57-020 Rev 1	96560	Nov 15/73	Modify Spoiler Actuator Fittings Support
57-021 Rev 1		No Effect	Install Outer Box Rear Spar Doubler
57-022	96592	No Effect	Reinforce Wing Tip Structure
57-023 Rev 1	96820	No Effect	Install Center Box Rear Spar Doubler
57-024 Rev 2	96590	No Effect	Replace Center Section Structure Fitting
57-025 Rev 3	96588	No Effect	Rework Trailing Edge Structure Edge Member
57-026 Rev 2	96388	No Effect	Inspect/Modify Eng Pylon Support Fittings
57-027 Rev 1		No Effect	Rework Support Channel Attach Fitting
57-029		No Effect	Wing Center Section Box Sealant Application
57-030		No Effect	Install Flap Vanes Act Spindle Bolt Retainer
57-032		No Effect	Inspect/Replace Wing Center Structure Fastener
57-033 Rev 2		No Effect	Install Flap Torque Box No. 4 Splice Plate
57-034 Rev 3	96875	No Effect	Add MLG Hyd Line Support, Inbd Trailing Edge
57-035 Rev 2		No Effect	Modify Trailing Edge Upper Panel, WBL246-388
57-036 Rev 3		No Effect	Install Splice Plate Flap Torque Box No. 2
57-037 Rev 3	96848	No Effect	Replace LE Slats Lower Seals
57-038 Rev 1	98434	No Effect	Replace Upper Access Door Attach Bolt
57-039 Rev 1	97427	No Effect	Reinforce Fixed Runway Turnoff Lights Support Structure
57-040 Rev 3	98338	Dec 15/74	Replace Landing Gear Actuator Support Fitting
57-042 Rev 1	98216	No Effect	Inspect/Replace Eng Pylon Rear Fitting Drag Strut Bearing
57-043 Rev 6		No Effect	Install Spare Engine Pod Provision
57-044	98340	No Effect	Inspect/Modify Torque Box No. 2 Upper Skin Panel
57-045	98341	No Effect	Remove Right Inbd Aileron Unbalance Weights

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
57-046 Rev 1	98342	No Effect	Rework No. 1 & No. 2 Flap Inbd Rib Attach
57-049 Rev 3	98772	No Effect	Modify LE Slat Track Roller Shafts
57-050 Rev 1	Not Accepted		Support Beam Reinforcement, FS 983 - Center Box Floor - Wings
57-050 Rev 2	70J59	No Effect	Support Beam Reinforcement, FS 983 - Center Box Floor - Wings
57-051		No Effect	Inspect/Modify for MLG Interference
57-055 Rev 2	98727	No Effect	Reinforce Center Section Rear Spar
57-056 Rev 1		No Effect	Replace Fitting, Upper Surface Center Section
57-057 Rev 4		No Effect	Replace Fittings, Wing Ctr. Sect. Upper Surface
57-058 Rev 4		No Effect	Reinforce FS 1103 Intermediate Shear Web
57-059 Rev 1		No Effect	Reinforce Intermediate Shear Beam Web, FS1103, 1163
57-064 Rev 5		No Effect	Reinforce Structure, Wing Outer Panel
57-064 Rev 6		No Effect	Reinforce Structure, Wing Outer Panel
57-065		No Effect	Replace Chord Seal, No. 1 Inbd Slat
57-066		No Effect	Modify Fixed T.E. Upper Panel Edge Member, WBL 210
57-067		No Effect	Rework Fixed TE Fastener Holes
57-068 Rev 1		No Effect	Modify Spoiler No. 4 Actuator Support Fitting
57-069 Rev 2	Super-seded by SB57-195	No Effect	Rear Spar, Outer Wing Lower Cap Reinforcement - Wings
57-069 Rev 3	Super-seded by SB57-195	No Effect	Rear Spar, Outer Wing Lower Cap Reinforcement - Wings
57-069 Rev 4	Super-seded by SB57-195	No Effect	Rear Spar, Outer Wing Lower Cap Reinforcement - Wings
57-072 Rev 2		No Effect	Reinforce Outboard LE Slats of T.E. Tabs
57-073		May 15/75	Increase Skin Gap, No. 2 Spoiler
57-075 Rev 1		No Effect	Install Splice Plate, Flap Torque Box No. 3
57-076	89760	No Effect	Inspect/Install Overwing Fillet Bracket Sealant
57-078		No Effect	Modify Wiring Support, Wing TE Rear Spar

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
57-083		No Effect	Reinforce Web, Aft End Flap Track Torque Box No. 4
57-088		No Effect	Install Protective Strips, Slat Lower T.E. Seal
57-089 Rev 1	Not Accepted		Install Drains, Dam, MLG Torque Box
57-090 Rev 3	Not Accepted		Inspection of Carriage Pin Attachment - Flap Vane Installation
57-092 Rev 1		May 15/78	Corrosion Prevention, Upper Surface Wing Access Doors
57-093	98899	No Effect	Inspect/Retorque MLG Rear Spar Attach Bolts
57-095		Feb 15/77	Modify Aileron Fitting Assembly
57-096 Rev 4	99412	No Effect	Install Air Barrier Inboard Slat Track Rib
57-097 Rev 2	Not Accepted		Install Slat Snubbers
57-099 Rev 5	99414	No Effect	Install Air Flow Barrier, MLG Fairing Cavity, FS1210
57-101	94763	No Effect	Replace Carriage Link Assembly, No. 1 Vane Swing Link
57-102		No Effect	Reinforce Wing Fixed TE Intermediate Aft Beam
57-103 Rev 1		No Effect	Install Improved Monoball & Bearings, Flap Vane Carriage
57-106		No Effect	Inspect/Modify Flap Torque Box No. 6
57-107		No Effect	Modify Upper Skin, Flap Track Torque Box No. 5
57-108		No Effect	Modify Wing Leading Edge ECS Duct Closeout Panel
57-109 Rev 4		No Effect	Inspect No. 1 & No. 2 Inboard Flap End Ribs for Cracks
57-110 Rev 2		No Effect	Install Spoiler Leading Edge Seals
57-111 Rev 2		No Effect	Install Airflow Barrier, Rear Spar-MLG Rib
57-112	99419	No Effect	Sealing Inboard & Outboard Slats
57-112 Rev 7	99419	May 15/79	Sealing Inboard & Outboard Slats
57-115 Rev 1		No Effect	Improve Sealing, Inbd and Outbd Slats
57-117 Rev 2	99142	No Effect	Modify Flap Vane Carriage Pins
57-118	Not Accepted		Improve Spoiler Servo Lube Fitting Access
57-119 Rev 2		Mar 15/81	Install Self Lubricating Bearings and Modify Frogs
57-120	96546	No Effect	Install Harness Supports

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
57-121 Rev 3	99599	No Effect	Install Support, MLG Fairing Panels
57-122 Rev 1		No Effect	Reinforce No. 1 Spoilers
57-128	99574	No Effect	Inspection of No. 1 and No. 3 Engine Pylons
57-129 Rev 2	70887	No Effect	Inspection - No. 3 Flap/Vanes Outboard Link and Inboard Fitting - Wings
57-129 Rev 3	70887	No Effect	Inspection - No. 3 Flap/Vanes Outboard Link and Inboard Fitting - Wings
57-129 Rev 4	71681	No Effect	Inspection - No. 3 Flap/Vanes Outboard Link and Inboard Fitting - Wings
57-133 Rev 1		No Effect	Modify Wiring Harness Routing
57-136		No Effect	Install Harness Supports, Wing Root Area
57-137		No Effect	Replace Swing Link Pins
57-138 Rev 1		No Effect	Inspect Lower Surface Bolts, WBL 115.95 for Corrosion
57-141		No Effect	Spoilers Trailing Edge Seal Modification
57-145 Rev 1	99307	No Effect	Inspect Outboard Aileron Damper Installation
57-144 Rev 1		No Effect	Modify Outboard Damper Installation
57-147	94805	No Effect	Revised Wing Trailing Edge Wire Harness Clamping
57-148 Rev 1		No Effect	Replace Actuator Support Fitting Fasteners
57-153		No Effect	Outboard L.E. Slat Ribs
57-153 Rev 1		No Effect	Outboard L.E. Slat Ribs
57-154 Rev 1		Mar 15/82	Flap Vane Actuator Spindle Shimming
57-154 Rev 2		No Effect	Flap Vane Actuator Spindle Shimming
57-155 Rev 1		No Effect	Install Composite Material Aileron
57-156		No Effect	Remove Rub Strips
57-156 Rev 2		No Effect	Remove Rub Strips
57-158 Rev 1		No Effect	Increased Accessibility Leading Edge Slat Proximity Sensor
57-159		No Effect	Modify Number Two Spoiler Actuator Support Fitting

	SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
	57-160	71N54	No Effect	Leading Edge Wire Harness Support LES 959
	57-162		Mar 15/85	Flap/Vane Actuator Cam Modification
	57-163		No Effect	Wing Leading Edge Slat No. 3 Modification
	57-164		No Effect	No. 3 Vane Pivot Pin Increased Thread Engagement
	57-164 Rev 1		No Effect	No. 3 Vane Pivot Pin Increased Thread Engagement
	57-165		Nov 15/85	Addition of Access Door Bonding Strap - Center Section Fuel Tank
	57-167		No Effect	Front Spar Lower Flange Doubler and Tripler Installation - Spoiler No. 4 Left and Right
	57-167 Rev 1		No Effect	Front Spar Lower Flange Doubler and Tripler Installation - Spoiler No. 4 Left and Right
	57-167 Rev 2		No Effect	Front Spar Lower Flange Doubler and Tripler Installation - Spoiler No. 4 Left and Right
	57-A181 Rev 6		No Effect	Wing Rear Spar Web Modification
	57-A181 Rev 7	71P00	No Effect	Wing Rear Spar Web Modification
	57-184 Rev 1	Not Accepted		Web Replacement - Rear Spar Inboard - Wings
	57-184 Rev 2	Not Accepted		Web Replacement - Rear Spar Inboard - Wings
	57-184 Rev 4	71J53	No Effect	Web Replacement - Rear Spar Inboard - Wings
R R	57-184 Rev 7 CN1	71J58	No Effect	Web Replacement - Rear Spar Inboard - Wings
	57-192	71A96	No Effect	Rear Spar Web Modification Inboard of IWS 267
	57-192 Rev 1	71A96	No Effect	Rear Spar Web Modification Inboard of IWS 267
	57-196 Rev 2	71J57 71J50	No Effect	Web Replacement - Rear Spar Inboard - Wings
R R	57-196 Rev 6 CN1		No Effect	Web Replacement - Rear Spar Inboard - Wings
	57-199		No Effect	Flap/Vane, Inboard and Outboard Lug Inspection/Modification - Wings
	57-199 Rev 1		No Effect	Flap/Vane, Inboard and Outboard Lug Inspection/Modification - Wings

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
57-203 Rev 1		Not Accepted	Cold Working of Fastener Holes, Inboard Web Periphery from IWS 346 Inboard to the Root Rib; Also addition of Doublers at MLG Fitting and Lower Spar Cap - Wings
57-204	71J57	No Effect	Wings - Skin, Upper Trailing Edge at Approximately WBL 246 Edge Member Modification and Cold Work of Skin Fastener Holes
57-204 Rev 1	71J58	No Effect	Wings - Skin, Upper Trailing Edge at Approximately WBL 246 Edge Member Modification and Cold Work of Skin Fastener Holes
57-204 Rev 2	71J57 71J58	No Effect	Wings - Skin, Upper Trailing Edge at Approximately WBL 246 Edge Member Modification and Cold Work of Skin Fastener Holes
57-205	71J57	No Effect	Skin, Upper Trailing Edge at Approximately WBL 210, Edge Member Modification and Cold Work of Skin Fastener Holes - Wings
57-205 Rev 1	71J57 71J58	No Effect	Skin, Upper Trailing Edge at Approximately WBL 210, Edge Member Modification and Cold Work of Skin Fastener Holes - Wings
57-209	71G81 80V50	No Effect	No. 3 Flap Vane Outboard Link Fitting Inspection/Replacement
57-209 Rev 1	71G81 80V50	No Effect	No. 3 Flap Vane Outboard Link Fitting Inspection/Replacement
71-000 Rev 25		Info only	Power Plant - Supplier Modifications - Listing and Approval of Supplier Service Bulletins
71-000 Rev 28		Info only	Power Plant - Supplier Modifications - Listing and Approval of Supplier Service Bulletins
71-001	89932	No Effect	Modify No. 2 Eng Cowl Latch
71-002 Rev 3	89335	No Effect	Modify No. 2 Engine Trail Edge Cowl Seal Retainer
71-005	96270	Dec 1/72	Install No. 2 Eng Warning Decal
71-006	96329	No Effect	Inspect No. 2 Eng S-Duct Bearing Strip
71-008	95511	Nov 15/73	General Installation of RB211-22CA Engine
71-009 Rev 2	95120 95211	Nov 15/73	General Installation of RB211-22B Engine
71-010 Rev 3	96874	No Effect	Replace Flame Shield, S-Duct Seal

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
71-011 Rev 5	Not Accepted		Install RB211-524-02/10 Engines
71-012 Rev 2		No Effect	Install Gear Box Breather Drain Mast, Eng No. 2
71-013		No Effect	Install No. 2 Eng. Firewall Receptacle Boots
71-016 Rev 2		Nov 15/78	Modify Engine Fuel Req. and Air Bleed System
71-018	Not Accepted		
71-020 Rev 2	Not Accepted		RB211-524-02 & RB211-22B-02 Engine Installation
71-025 Rev 1		Jun 15/80	Install RB211-524B-02 & RB211-524 Engines
71-029 Rev 1		Dec 15/80	Install RB.211-524B&RB211-22B Engines, Conversion/Reconversion
71-036 Rev 1		No Effect	Install RB211-524B & RB221-22B Engine Conversion/Reconversion
71-065		No Effect	RB211-524B4 and RB211-524B Engine Installation Conversion/Reconversion
71-066		No Effect	RB211-524B4 and RB211-524B3 Engine Installation Conversion/Reconversion
71-067			No. 2 Engine Panel Assembly - Gearbox Breather Duct Modification
71-067 Rev 1	70W92	May 15/88	No. 2 Engine Panel Assembly - Gearbox Breather Duct Modification
71-082 Rev 1	81B07	No Effect	Replacement of Capacitors in Vertical Tape Instruments
73-001	96105	No Effect	Replace Firewall to Eng Fuel Hose
73-002 Rev 4	96835	No Effect	Modify Pylon Fuel Hose Support
73-003	95460	No Effect	Replace P1 Probe Plumbing Lines, No. 2 Engine
73-004 Rev 1		No Effect	Replace No. 2 Eng P-1 Probe Anti-Ice Line
73-005 Rev 1	95774 95920	May 15/78	Install HF Filter & Decal, No. 2 Engine Fuel Control
73-006	94B22	No Effect	Engine No. 2 Vibration Monitor/Fuel Control Amplifier Wiring Relocation to Eliminate Electromagnetic Interference
75-001	89802 99336	Jan 15/73	Modify Accessory Ventilation Air Inlet Shutoff Valve CB
76-003		Feb 15/73	Install Throttle Cable Tension Regulator Safety Wire
76-004	96570	May 15/74	Replace Throttle Switch Module
76-005		No Effect	Modify Eng No. 2 Power Applied Cable

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
76-006		No Effect	Replace Throttle Lever Switch Lanyard
76-007	95520	No Effect	Replace No. 1 Engine Throttle Cable Bracket
76-008	95521	No Effect	Replace No. 1 & No. 3 Engine Throttle Cable Pulley Bracket
76-009 Rev 1	95444	No Effect	Replace Throttle Tension Regulator Cover
76-010		May 15/77	Modify Throttle Cable Tension Regulator
76-011		No Effect	Modify No. 1 & No. 3 Engine Throttle Cable Clearance
76-012 Rev 1		No Effect	Modify Throttle Cable Tension Regulator Assy
76-013 Rev 1		No Effect	Modify Throttle Cable Tension Regulator Assembly
76-013 Rev 3	94166	Incor-porated	Modify Throttle Cable Tension Regulator Assembly
76-015		No Effect	Modify No. 2 Engine Throttle Cable Tension Regulator Assembly
77-001 Rev 1	89974	No Effect	Replace Speed & TGT Indicators
77-003	89379	Oct 1/72	Modify EPR/VMD Interface
77-004 Rev 2	95000	No Effect	Replace TGT & N3 Indicators
77-005 Rev 3		No Effect	Modify Vibration Monitor Wire Shield Grounding
77-006		No Effect	Replace N2 Indicator
77-007	96345	No Effect	Replace Rated EPR Computer
77-008		No Effect	Replace N1, N3 Shaft Speed Ind
77-009 Rev 2	95462	No Effect	Modify Thrust Reverser Ind Light Circuit
77-010 Rev 1	95230	No Effect	Replace TGT Indicator
77-012	96576	May 15/73	Modify N2 Ind Wiring
77-013 Rev 3	96823	Aug 15/78	Modify EPR System Logic Wiring
77-014	95120	May 15/74	Modify EPR Logic System for -22B Engine
77-015		No Effect	Modify Wiring for VM Signal Conditioning Unit
77-016	95554	No Effect	Replace N3 Engine Shaft Speed Indicator
77-018 Rev 1	97483	No Effect	Replace EPR Computer
77-021 Rev 1		No Effect	Modify Engine Shaft Speed N2 Indicator
77-024	97565	No Effect	Replace Rated EPR Indicator

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
77-029 Rev 1		Dec 15/80	Replace IEPR Indicator
77-030 Rev 1		Dec 15/80	Relocation, N2, N3, & Fuel Flow Indicators
77-032 Rev 2	94805	Sep 15/81	Modify N2 Indicator Engine Shaft Speed System
77-034 Rev 2		No Effect	Modify Wire Shields at Engine Interface Connectors
77-038 Rev 1		Mar 15/81	Modify/Replace Engine Status Vibration Panel
77-039 Rev 1		Super-seded By 77-A049	Deletion of AVM Logic from ENG/APU Status Light
77-042		No Effect	Increased Wire Size for Rated EPR System
77-A044 Rev 2		No Effect	Reactivation of AVM Logic Input to Eng/APU Status
77-044		Super-seded By 77-A049	Re-Activation of AVM Input to Eng/APU Status Light
77-045		No Effect	Modify Engine Vibration Monitor Signal Conditioning Unit
77-047		No Effect	Channel Interchangeability for Continuous Monitoring of All Engines
77-047 Rev 2		Incor-porated	Channel Interchangeability for Continuous Monitoring of All Engines
77-A049 Rev 1		Feb 15/82	Modify AVM Logic Circuitry and Signal Display
77-051		No Effect	Vibration Monitor System Wiring Modification
77-052	94E49	Incor-porated	Modification of Wiring and Signal Display - Airborne Vibration Monitor (AVM) System - Engine Indicating
77-052 Rev 1	94E49	Incor-porated	Airborne Vibration Monitor System - Modify Wiring and Signal Display Modification
77-053		Rejected	Airborne Vibration Monitor System - Engine VIB FLTR PRESS Light Circuit Modification
78-001		No Effect	Change Exhaust Sys Wire Gage
78-002 Rev 1	95450	Aug 15/74	Deactivate Hot Stream Spoiler
78-004 Rev 2	95450	Jul 1/75	Delete Hot Stream Spoiler
78-006 Rev 5		Aug 15/78	Install 15 Degree Afterbody - R-R SB 78-3551
78-008 Rev 1		Nov 15/76	Engine Afterbody Mixed Configuration

SB NO. & REV.	MO NO.	INCORP. IN REV.	TITLE
78-009		No Effect	Modify Logic Card Box Assembly Add Time Delay Relay
80-007		May 15/88	Engine Isolation Valve Circuit Modification To Allow Engine Motoring With Engine Fire Handle Pulled To Permit Blowout Of Engine Tail Pipe Fires

Rolls-Royce/Vendor Service Bulletins

This list identifies Rolls-Royce/Vendor Service Bulletins that affect the L-1011 Maintenance Manual, and provides the incorporation date of each. Bulletins not listed are either still under review, or have been reviewed and determined to have "No Effect" on this manual. Assigned MO numbers are included, as received.

The first listing is Rolls-Royce Service Bulletins, in order by SB numbers.

The second listing is Vendor Service Bulletins, grouped by Vendor, and in order by SB numbers.

The third listing is Rolls-Royce and Vendor Service Bulletins in order by assigned MO numbers.

Rolls-Royce Service Bulletin List

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
72-2073		Jul 3/72	
72-2078		Jan 19/72	
76-2085		Jul 3/72	
72-2086		Dec 19/71	
72-2124		Aug 8/73	
76-2141		Feb 8/73	
78-2153		Feb 14/73	
78-2160		Jul 22/72	95114
78-2168		May 31/72	
30-2171		Aug 1/72	
71-2175		Dec 7/72	
30-2178		Jun 6/73	
75-2190		Mar 9/73	
76-2207		Jan 11/73	
73-2214		Dec 7/72	95124
73-2218		Jun 6/73	95036
73-2222		Oct 15/72	
73-2232		Dec 7/72	95124
75-2248		Jun 6/73	
78-2258		Aug 28/72	
78-2259		Feb 8/73	
78-2262		May 31/72	
78-2266		Aug 8/73	
71-2269		Aug 1/72	
71-2280		Sep 16/72	
71-2302		Jul 11/73	
72-2316		Oct 15/72	95118
72-2352		No Effect	95215
72-2379		May 22/72	
71-2385		Jul 11/73	

Rolls-Royce Service Bulletin List (Cont)

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
77-2400		Jul 24/72	
72-2402		Jul 31/72	
72-2434		Sep 16/72	
72-2440		Feb 7/73	
36-2441		Sep 16/72	95197
74-2444		Jun 6/73	
71-2490		Sep 16/72	
72-2493		May 9/73	
76-2496		Dec 1/72	
72-2500		Apr 11/73	95211
77-2521		Sep 16/72	95043
73-2534		Sep 16/72	
71-2535		Nov 7/73	
72-2564		Sep 16/72	
71-2565		Jun 7/73	95EA
73-2575		Aug 1/72	95052
71-2577		Sep 16/72	
73-2583		Oct 10/73	95220
72-2588		Dec 5/73	95542
72-2602		Oct 15/72	
71-2608		Jun 6/73	95167
74-2614		Sep 16/72	
71-2662		Jul 12/73	
72-2667		Dec 10/74	
72-2668		Apr 11/73	
78-2674		Sep 16/72	
76-2675		Oct 15/72	
74-2679		Nov 8/72	
71-2693		Dec 7/72	95124
71-2721		Jun 6/73	95124
78-2725		Feb 14/73	
71-2792		Jan 10/73	
36-2818		Mar 7/73	
71-2831		May 7/74	
71-2833		Aug 9/73	
71-2837		Jun 6/73	
71-2843		Oct 10/73	
75-2847		Jul 9/74	
78-2848		Jul 9/74	
74-2854		Oct 10/73	
72-2860		May 9/73	
74-2887		Oct 10/73	
73-2900		Aug 9/73	
73-2903		Feb 7/73	95154
78-2914		Jan 11/73	91196
71-2917		Sep 5/73	

Rolls-Royce Service Bulletin List (Cont)

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
72-2919		Jul 11/73	95211/ AUX 95110 Part 14
36-2920		Mar 8/73	
72-2927		Apr 9/74	95401
76-2959		Aug 9/73	95318
78-2969		Jul 1/75	95450
72-3001		Apr 11/73	95311
72-3002		Sep 5/73	95097 95120
75-3058		Dec 5/73	
71-3097		Mar 12/74	
71-3117		Nov 8/73	
71-3129		Jan 8/74	
71-3137		Dec 5/73	
72-3159		Dec 10/74	
77-3168		May 7/74	
72-3200		Oct 9/73	
76-3201		Mar 12/74	
73-3215		Dec 15/77	
71-3236		Mar 12/74	
76-3241		Apr 1/75	
77-3254		Apr 29/75	
78-3275		Apr 29/75	
78-3302		Jul 1/75	
72-3310		Mar 15/81	
71-3319		Jan 4/77	
72-3326		Feb 5/74	95436
74-3392		Apr 29/75	
77-3399		Jul 9/74	95524
71-3414		Aug 6/74	95197
73-3459		Mar 4/75	
72-3463		Nov 5/74	
29-3492		Mar 15/79	
78-3494		Apr 29/75	
73-3502		Jul 1/75	
72-3533		Nov 7/74	95553
12-3539		Feb 15/78	
75-3594		Feb 15/78	
78-3608		Dec 15/77	
71-3632		Nov 15/77	
78-3637		Jul 1/75	
71-3641		Aug 15/78	
71-3656		Mar 4/75	
73-3669		Jul 1/75	
72-3681		Dec 10/74	
72-3701		Jun 8/76	
73-3743	R1	No Effect	

R EFFECTIVITY: ALL
R
001B

Rolls-Royce Service Bulletin List (Cont)

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
73-3743	R2	No Effect	
78-3753		Jan 15/77	
73-3768		No Effect	95824
78-3769		Nov 15/76	
76-3770		Jan 15/77	
72-3783		Sep 15/79	
12-3789		May 15/78	
78-3795		Jun 15/81	
77-3822		Feb 15/77	99737
78-3852		Jan 4/77	
78-3875		Dec 15/77	
72-3878		Jun 15/80	
73-3894		Sep 15/79	
78-3949	R4	No Effect	
78-3949	R5	No Effect	
73-3985		Apr 15/77	
73-4022		Jan 15/79	
72-4071		Sep 15/77	
72-4073		Dec 15/80	
77-4132		Aug 10/76	
72-4152	R6	No Effect	
72-4152	R7	No Effect	
73-4158		Nov 15/77	
71-4176		Nov 15/87	
26-4197	R7	Not Accepted	
72-4198		Oct 15/77	
72-4202		Jun 15/80	99773
76-4312		Jun 15/80	
72-4317	R5	No Effect	
73-4404		Dec 15/80	
77-4416		Aug 15/77	
73-4444		Feb 1/77	
73-4473		Mar 15/80	
72-4485		Dec 15/79	
73-4532		Mar 15/80	
71-4537	R1	Not Applicable	
72-4557		Mar 15/80	99783
71-4581		Jun 15/80	
73-4592		May 15/78	95713
71-4636	R2	No Effect	
72-4644		Mar 15/81	
71-4648	1	Not Accepted	
71-4652	R2	Not Applicable	
72-4677		Mar 15/79	
72-4689		Jun 15/81	
72-4697	R2	No Effect	
78-4714		Apr 15/78	

Rolls-Royce Service Bulletin List (Cont)

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
78-4804		Nov 15/77	
78-4805		Nov 15/77	
72-4822		Dec 15/79	
71-4823		Dec 15/80	
72-4834		Sep 15/80	
71-4835	R2	Not Applicable	
75-4896		Mar 15/79	
73-4916		Sep 15/80	
72-4930	R1	No Effect	99613
78-4958	R2	No Effect	
71-4991		Dec 15/80	
80-5004		Nov 15/81	
72-5054		Jun 15/80	
74-5055		Jul 15/78	
72-5089		Dec 15/80	99737
78-5093		Dec 15/78	99650
78-5094		Mar 15/79	
74-5106		Nov 15/81	
75-5159		Mar 15/79	99731
73-5160		Jun 15/79	
73-5184		Dec 15/79	99649
73-5187		Sep 15/80	
73-5220		Mar 15/80	
72-5221		Sep 15/80	
77-5234		Dec 15/79	
72-5240		Jun 15/80	94119
72-5276		Sep 15/80	
71-5282		Dec 15/79	
71-5291	R5	Not Applicable	
72-5299		Jun 15/92	
72-5305	R1	No Effect	
77-5387		Sep 15/80	
71-5432		Mar 15/80	
72-5442		No Effect	94181
71-5474		Nov 15/87	95716
71-5514		Sep 15/80	
72-5528		Dec 15/80	
72-5540	R16	No Effect	94039
72-5540	R17	Dec 15/79	94039
72-5547		No Effect	95898
78-5704		Nov 15/81	
80-5735	R1	No Effect	
73-5818		May 15/89	
72-5887	R3	No Effect	
78-5893		May 15/82	
74-5896	R1	Not Applicable	
71-6104	R1	Not Applicable	
71-6333		No Effect	

Rolls-Royce Service Bulletin List (Cont)

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
71-6387	R2	Not Applicable	
73-6508		May 15/89	
72-6574		Jul 15/83	
30-6697	R1	Not accepted	
72-6758	R4	No Effect	94E65
73-6794		May 15/90	
72-6847	R8	No Effect	94F32
72-6891		Jul 15/84	
72-6928		May 15/85	
72-7037	R1	No Effect	94F26
73-7048	R2	No Effect	
72-7079	R2	Record Purposes Only	
71-7442		Record Purposes Only	
72-7443		May 15/89	
73-7491	R1	No Effect	
72-7512	R5	No Effect	
71-7580		No Effect	
71-7580	R1	No Effect	
73-7620		Nov 15/87	
72-7654		May 15/87	
72-7800		Not Accepted	
72-7800	R1	Not Accepted	
72-7812	R1	Not Accepted	
71-7892	R4	Not Accepted	
72-7895	R2	No Effect	
72-7911		Nov 15/86	95G79
75-7990		No Effect	95E95
75-7990	R1	No Effect	95E95
75-8002		Record Purposes Only	
77-8053	R0	Not Applicable	
75-8069		No Effect	
78-8089		May 15/89	
71-8096		Record Purposes Only	
72-8097	R3	No Effect	
73-8105		Nov 15/88	
71-8110		Not Applicable	
72-8138		Nov 15/87	
74-8160	R1	Cancelled	
78-8169		May 15/89	
73-8176	R3	Dec 15/91	
24-8177	R1	Not Applicable	
78-8359	R1	No Effect	
78-8359	R2	No Effect	
29-8389		Not Accepted	

R EFFECTIVITY: ALL
R
001B

Rolls-Royce Service Bulletin List (Cont)

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
72-8428	R1	No Effect	
72-8515	R1	No Effect	
24-0519		No Effect	
73-8545	R1	No Effect	
72-8571		No Effect	
72-8571		No Effect	
72-8575	R1	No Effect	
72-8579		No Effect	
78-8603		No Effect	
72-8642		May 15/90	
72-8673		No Effect	
72-8675	R1	No Effect	
72-8700		May 15/90	
72-8700	R2	Deferred	
72-8700	R3	May 15/90	
71-8702		Not Applicable	
26-8721		Not Applicable	
73-8730	1	No Effect	
72-8732		No Effect	
78-8737		No Effect	
78-8737	R1	No Effect	
78-8737	R2	No Effect	
72-8760		No Effect	
71-8836	R1	Info Only	
72-8847	R0	No Effect	
72-8881		No Effect	
72-8893		No Effect	
72-8907		Not Applicable	
72-8911		No Effect	94039
72-8981		No Effect	
74-9036		No Effect	
72-9169	R1	No Effect	
78-9257	R1	No Effect	
72-9288	R1	No Effect	
72-9315	R1	No Effect	
72-9334	R0	No Effect	
R 73-9339		Jun 15/96	
72-9349	R1	No Effect	
72-9394	R0	No Effect	
72-9405	R0	Not Applicable	
72-9407	R1	No Effect	
73-9418	R0	No Effect	
77-9428	R0	No Effect	
72-9472	R0	Not Applicable	

The Service Bulletins listed in the following section are those issued by Vendors, as reported to Rolls-Royce, which have an effect on this manual. Vendors are listed in alphabetical order.

Vendor Service Bulletin List

Ser. Bull. No.	Rev. No.	Date of Incorp.	MO No.
AC DELCO			
YA-211-2-74-2739		Jul 11/73	
GARRETT AIRESEARCH			
126348-78-1056		Jul 24/72	
121188-78-1079		Sep 16/72	
126348-78-1062		Aug 8/73	
126348-78-1088		Dec 5/73	95160
121574-78-1091		Jan 11/73	
121574-78-1129		Jul 9/74	
121188-78-1141		Jul 1/75	
121574-78-1150		Jul 9/74	95450
121190-78-1284		Jan 16/78	
LUCAS AEROSPACE			
STA 103-73-1		Jul 1/75	
STA 103-73-5		Sep 15/80	
STA 104-73-5		Jul 1/75	
RB211-73-9		Jul 3/72	
F.F.R. 101-73-25		Aug 8/73	
P.A.C. 101-73-25		Mar 4/75	
STA 102-73-31		Jul 1/75	
F.F.R. 101-73-40		Oct 28/74	
F.F.R. 101-73-5673		Sep 15/80	
Igniter Leads 74-6		Jul 11/73	
PLESSEY			
IGV-75-2		Jul 3/72	95031
IGV-75-3		Aug 8/73	
IGV-75-7		Jan 11/73	95409
IGV-75-8		Mar 15/81	95411
IGV-75-9		Aug 8/73	95411
IGV-75-13		Jun 4/74	
TELEFLEX			
27201-73-1		Aug 8/73	
28906-73-1		May 7/74	

Vendor Service Bulletin List (Cont)

Ser. Buli. No.	Rev. No.	Date of Incorp.	MO No.
		ULTRA	
73-21-02		Jul 1/75	
73-21-05 (RD205)		Jan 24/78	
73-21-17		Jul 1/75	

MO Number List

M/O No.	Rolls-Royce Serv. Bull. No.	Rev. No.	Date of Incorp.
89869	71-2175		Dec 7/72
91196	78-2914		Jan 11/73
94E65	72-6758	R4	No Effect
94F26	72-7037	R1	No Effect
94F30	72-6847	R8	No Effect
94039	72-5540	R16	No Effect
94039	72-5540	R17	Dec 15/79
94039	72-8911		No Effect
94119	72-5240		Jun 15/80
94181	72-5442		No Effect
95B98	72-5547		No Effect
95EA	71-2565		Jun 7/73
95E95	75-7990		No Effect
95E95	75-7990	R1	No Effec
95G79	72-7911		Nov 15/86
95031	PLESSEY IGV-75-2		Jul 3/72
95036	73-2218		Jun 6/73
95043	77-2521		Sep 16/72
95052	73-2575		Aug 1/72
95063	78-2674		Sep 16/72
95064	72-2135		Nov 1/72
95071	72-2493		May 9/73
95097	72-3002		Sep 5/73
95114	78-2160		Jul 22/72
95118	72-2316		Oct 15/72
95120	72-3002		Sep 5/73
95124	73-2214		Dec 7/72
95124	73-2232		Dec 7/72
95124	71-2693		Dec 7/72
95124	71-2721		Jun 6/73
95154	73-2903		Feb 7/73
95160	78-1088		Dec 5/73
95160	GARRETT 126348-78-1088		Dec 5/73
95167	71-2608		Jun 6/73
95181	72-2124		Aug 8/73
95186	72-2564		Sep 16/72
95197	36-2441		Sep 16/72
95197	71-3414		Aug 6/74
95211	72-2500		Apr 11/73
95211	72-2919		Jul 11/73
95215	72-2352		No Effect
95220	73-2583		Oct 10/73
95311	72-3001		Apr 11/73
95318	76-2959		Aug 9/73
95401	72-2927		Apr 9/74

MO Number List (Cont)

M/O No.	Rolls-Royce Serv. Bull. No.	Rev. No.	Date of Incorp.
95409	PLESSEY IGV-75-7		Jan 11/73
95411	PLESSEY IGV-75-8		Jan 11/73
95411	PLESSEY IGV-75-9		Aug 9/73
95436	72-3326		Feb 5/74
95450	78-2969		Jan 5/75
95450	78-3282		Jan 5/75
95450	GARRETT 121574-78-1150		Jul 9/74
95524	77-3399		Jul 9/74
95542	72-2588		Dec 5/73
95553	72-3533		Nov 7/74
95713	73-4592		Jun 15/78
95716	71-5474		Mar 15/80
95824	73-3768		No Effect
99613	72-4930	R1	No Effect
99649	73-5184		Dec 15/79
99650	78-5093		Dec 15/78
99731	75-5159		Mar 15/79
99737	77-3822		Feb 15/77
99737	72-5089		Dec 15/80
99773	72-4202		Jun 15/80
99783	72-4557		Mar 15/80